

Calculator Service Bulletin # N - 516

model 6N

parts catalog

Monroe Calculating Machine Company Inc.
General Service Dept. Orange, New Jersey U.S.A.

CALCULATOR SERVICE BULLETIN #N-516

Foreword

This is a complete illustrated catalog of all parts and/or assemblies used in Monroe Calculating Machine Models 6N-162 and 6N-212. It is published exclusively for use by Branch Offices of the Monroe Calculating Machine Company, Inc.

The book is divided into eight sections; seven illustrated (A thru G) and a parts price list (H). The pages of each section are numbered independently of other sections. Headings of illustrated sections describe the section of the machine in which the parts shown therein are located. They are:

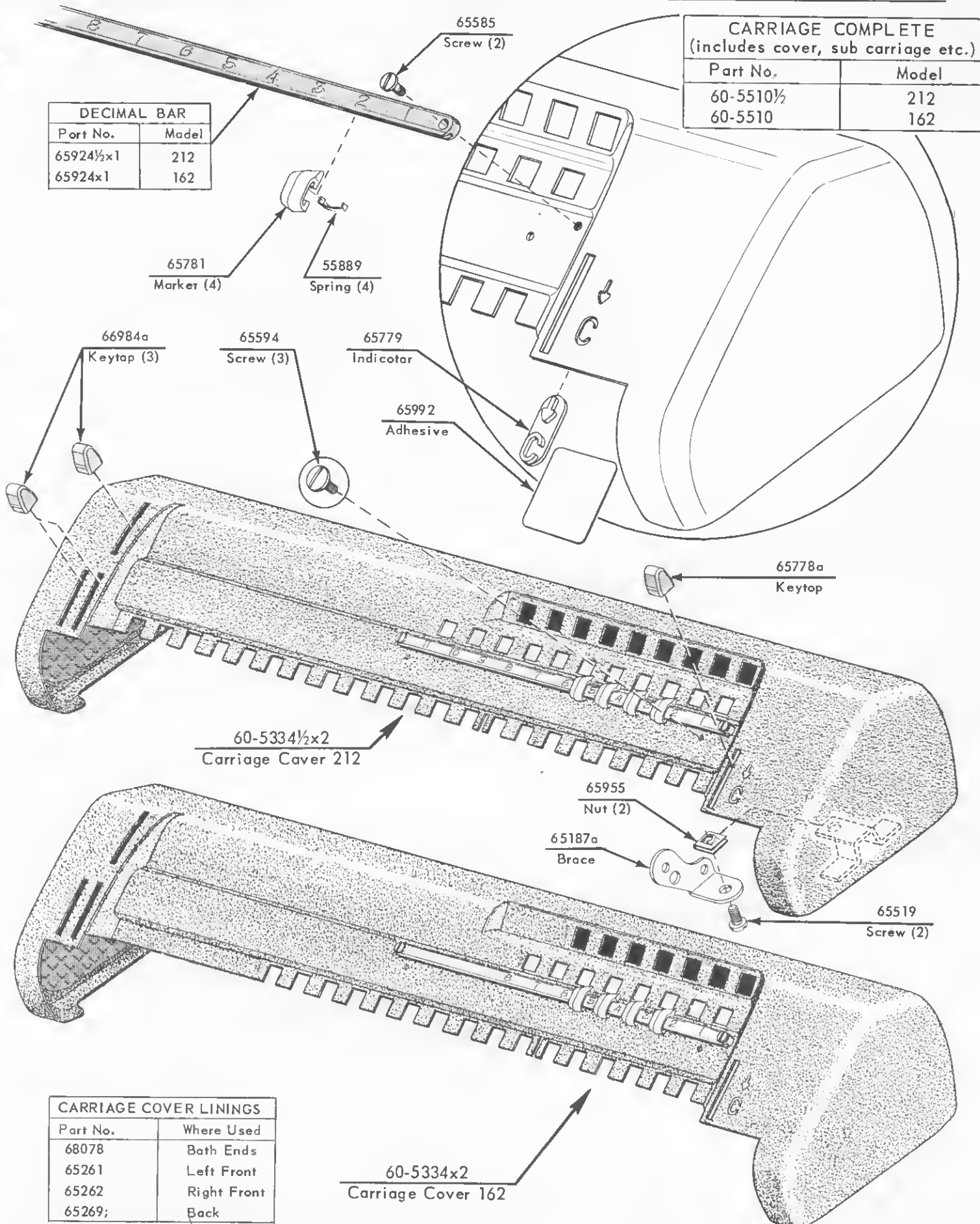
A	Corriage
B	Cover Case
C	Left Hand Side
D	Keyboard
E	Cross Members
F	Motor
G	Right Hand Side
H	Price List

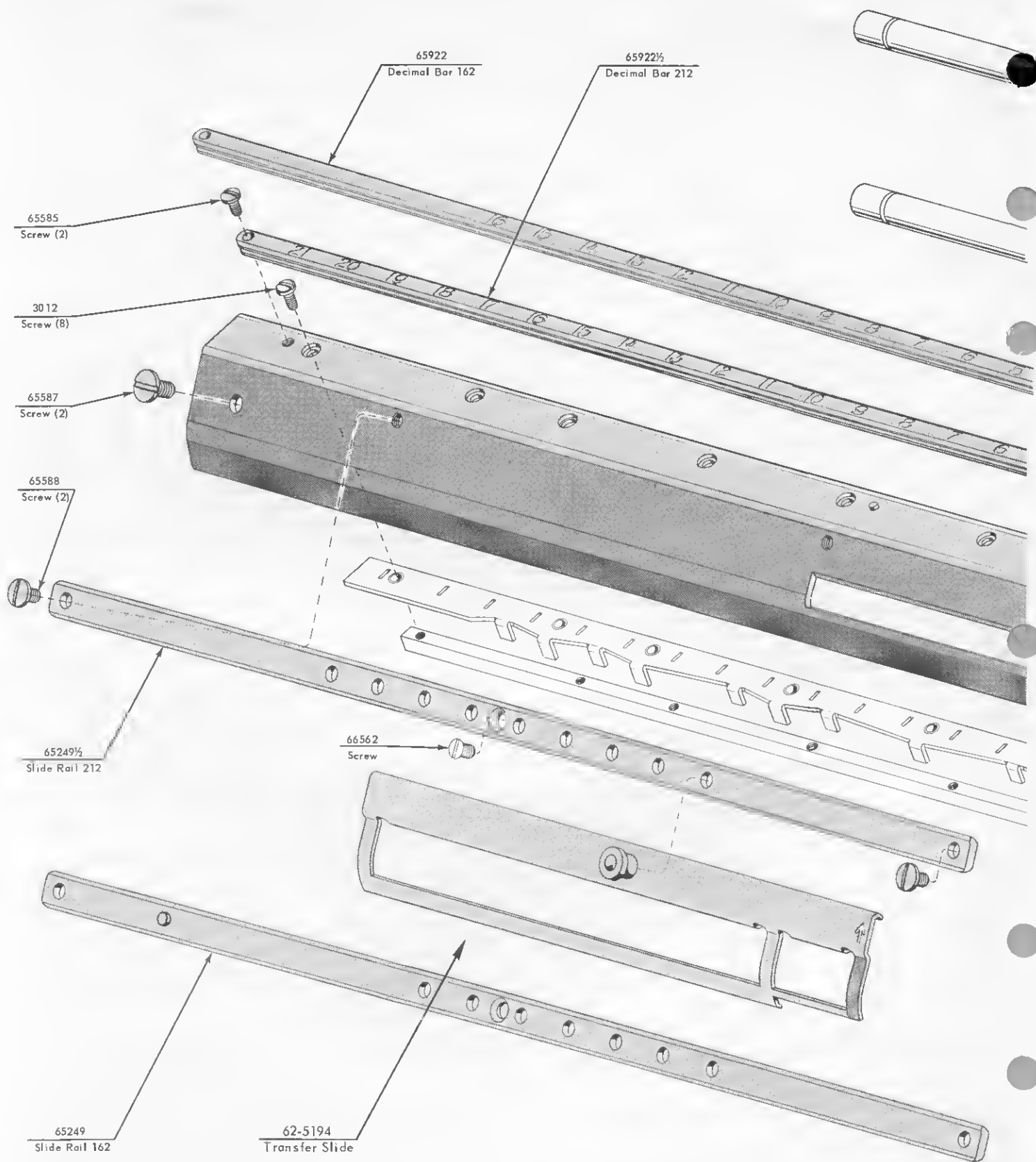
Two sizes of type are used for part numbers on the illustrated pages. A number printed in the larger type indicates that the part to which its arrow points is the complete assembly. Such assemblies are further identified by larger arrow heads which do not touch the part. Part numbers printed in the smaller type indicate on individual part or sub-assembly. These have smaller arrow heads which touch directly on the part identified.

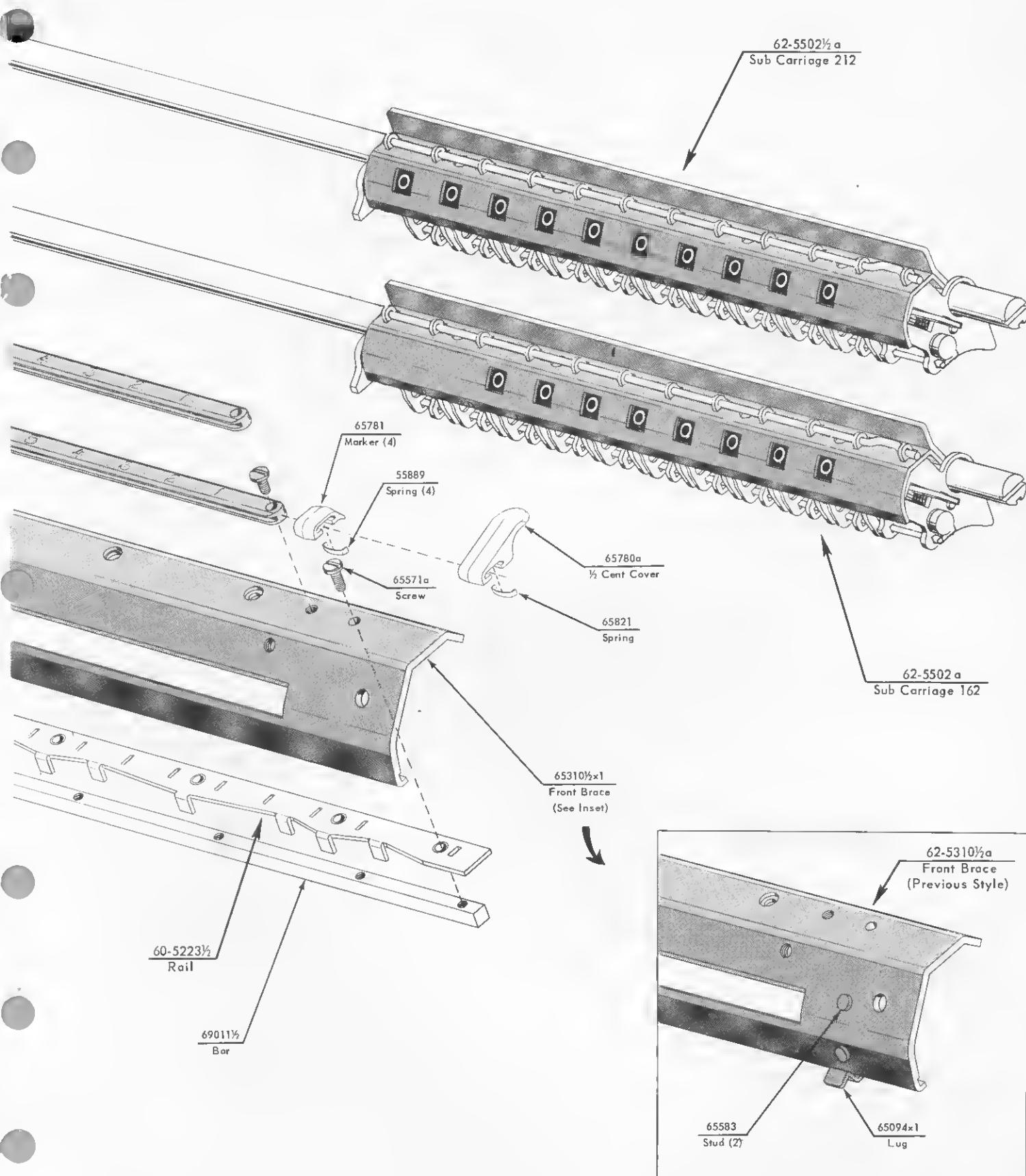
Bracketed numerals following part names on illustrated pages indicate the amount of such parts used in the particular application shown. They do not necessarily indicate the total amount of such parts used in the machine.

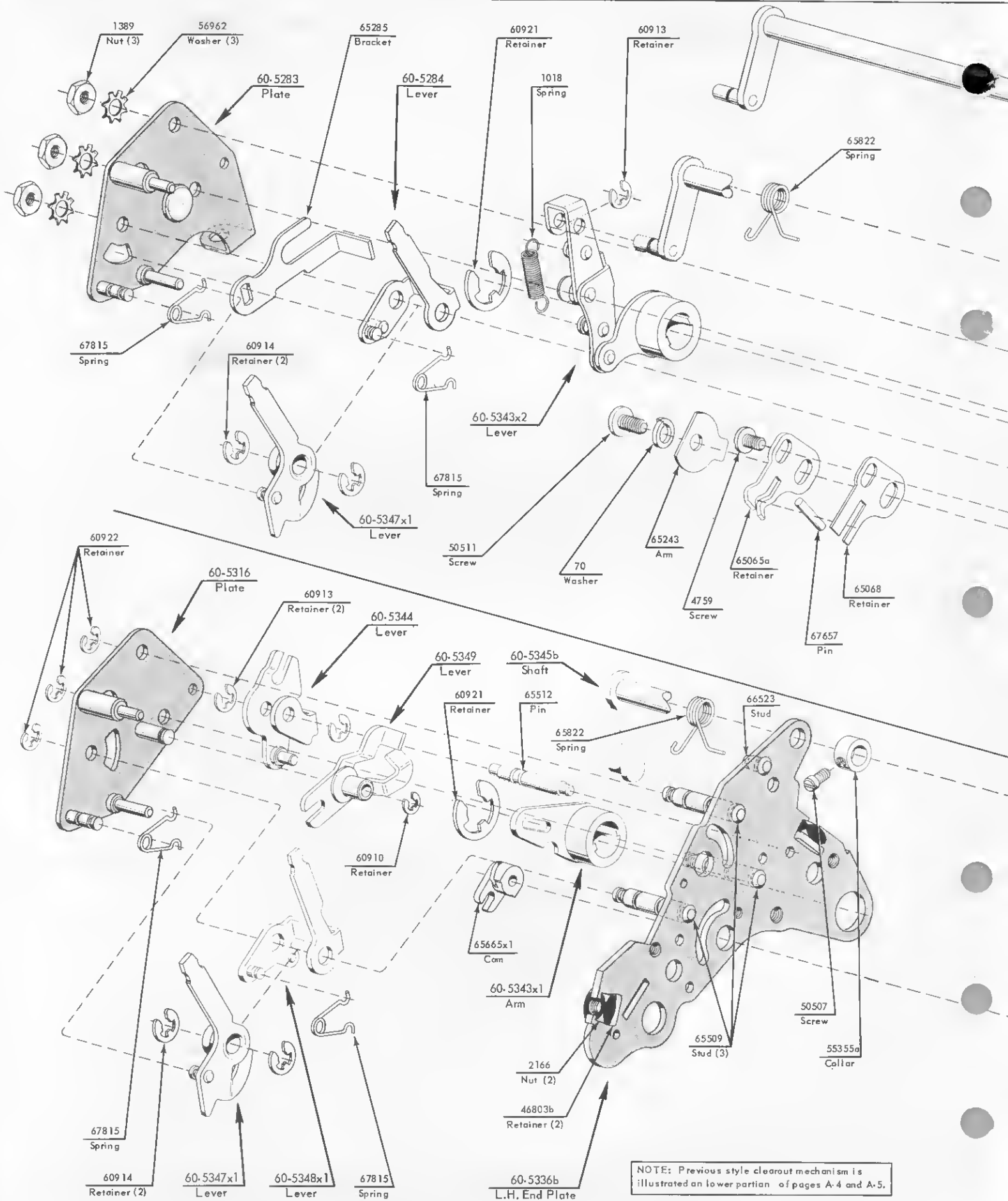
It is the responsibility of Branch Service Managers to see that this catalog is kept posted with changes and revisions upon notification from the General Service Department. Such notifications will include supplementary pages to be inserted herein, Change in Number Notices and Parts Improvement Notices.

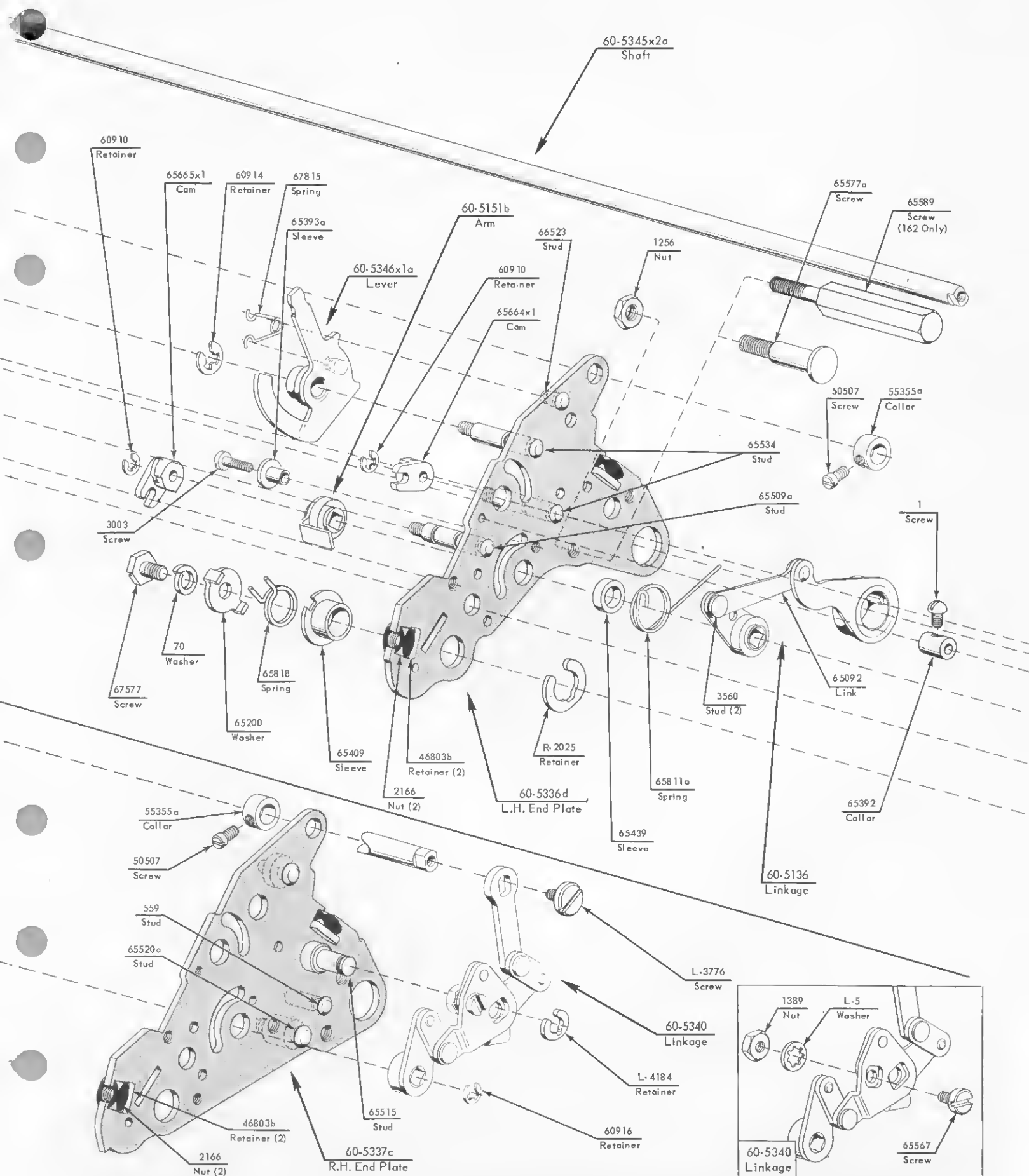
General Service Department
Monroe Calculating Machine Co., Inc.
Orange, New Jersey, U. S. A.

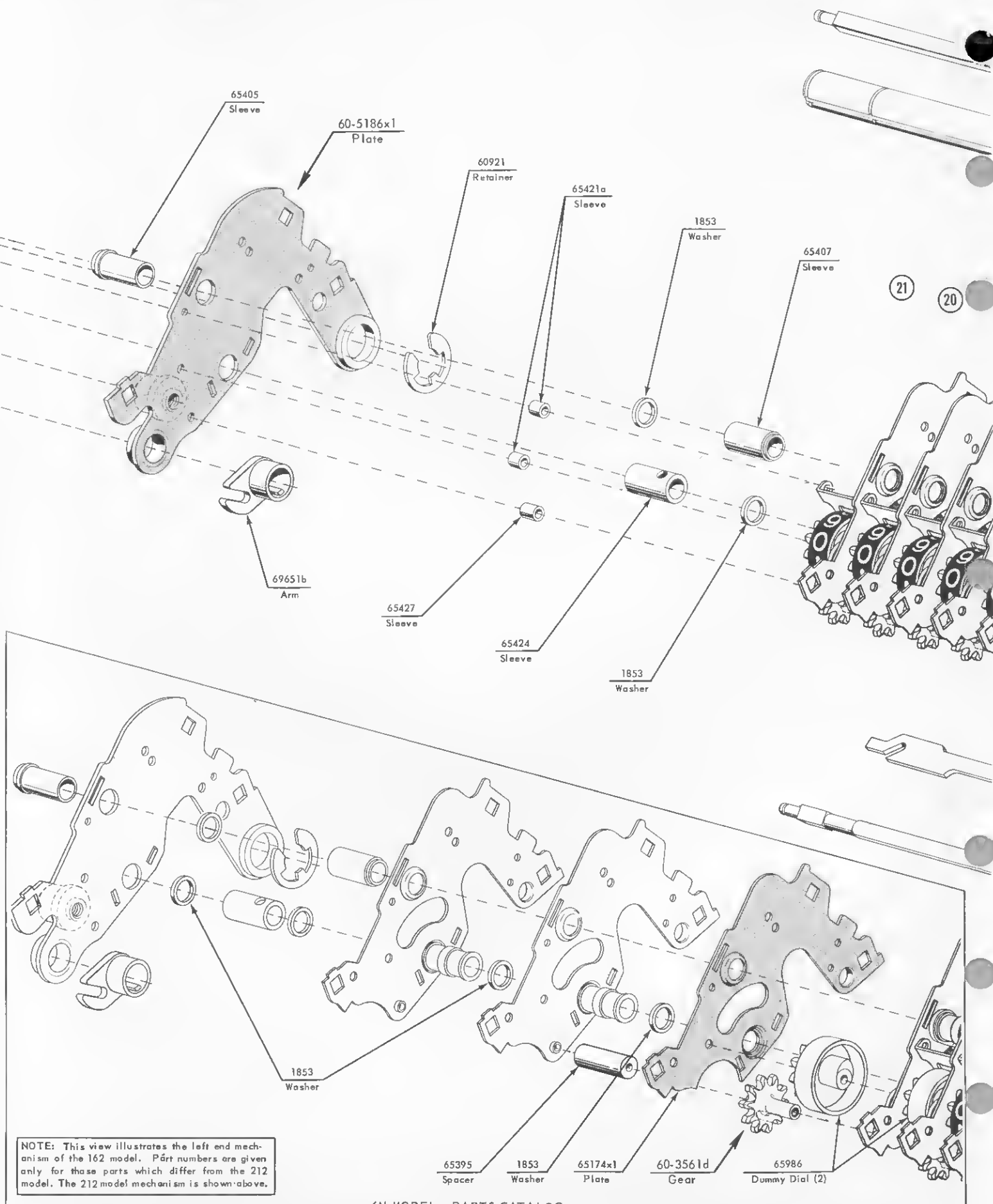




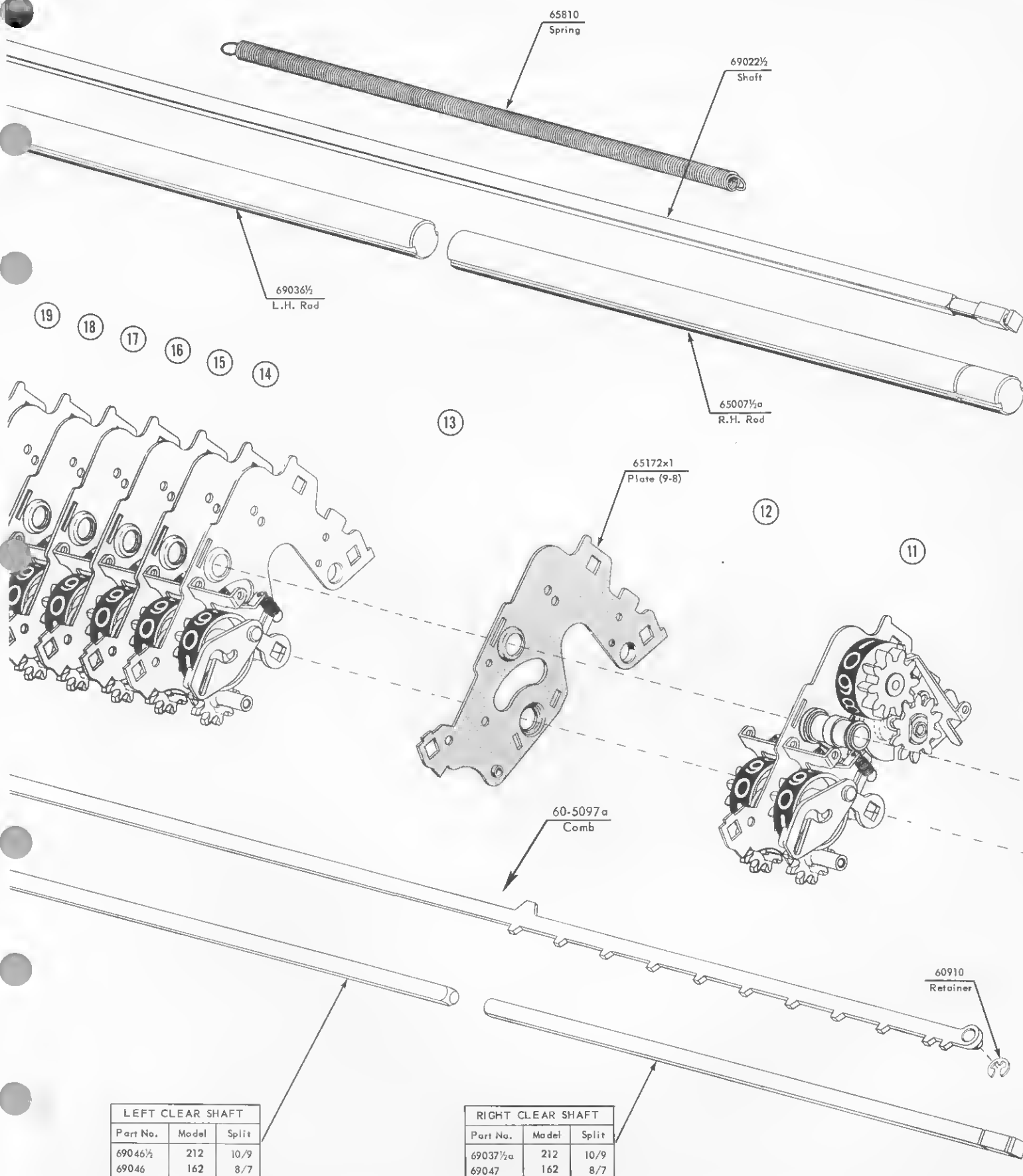


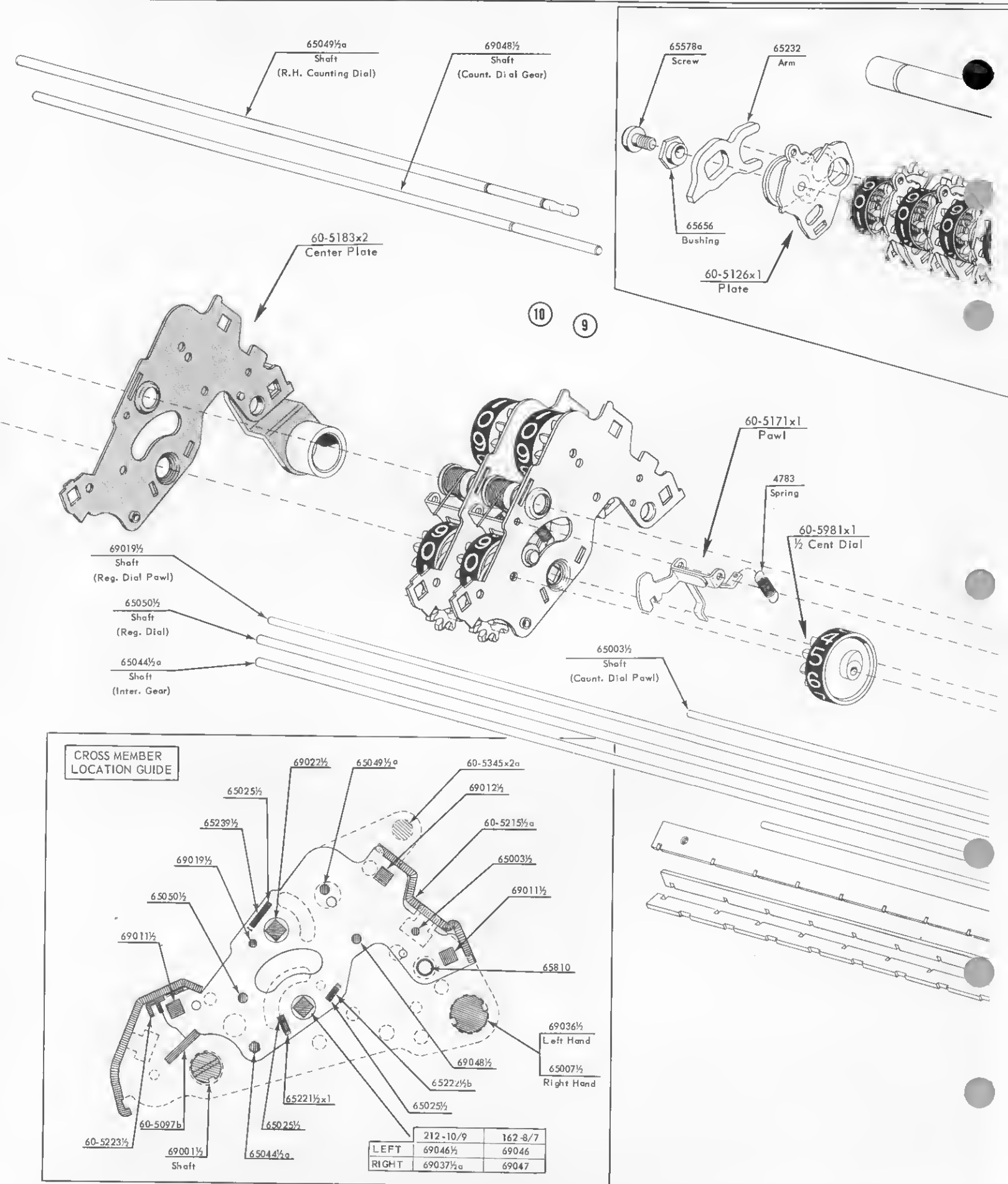


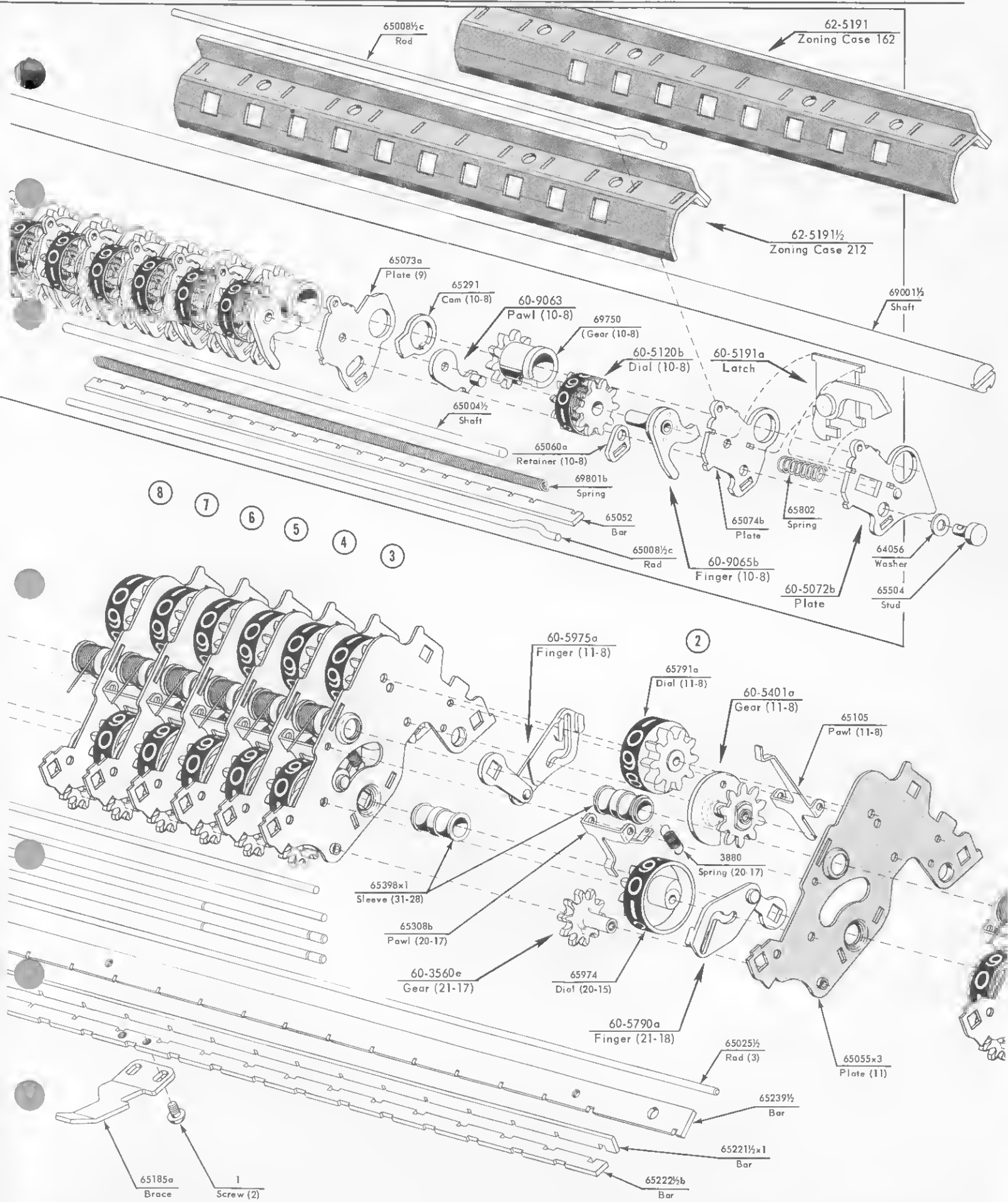


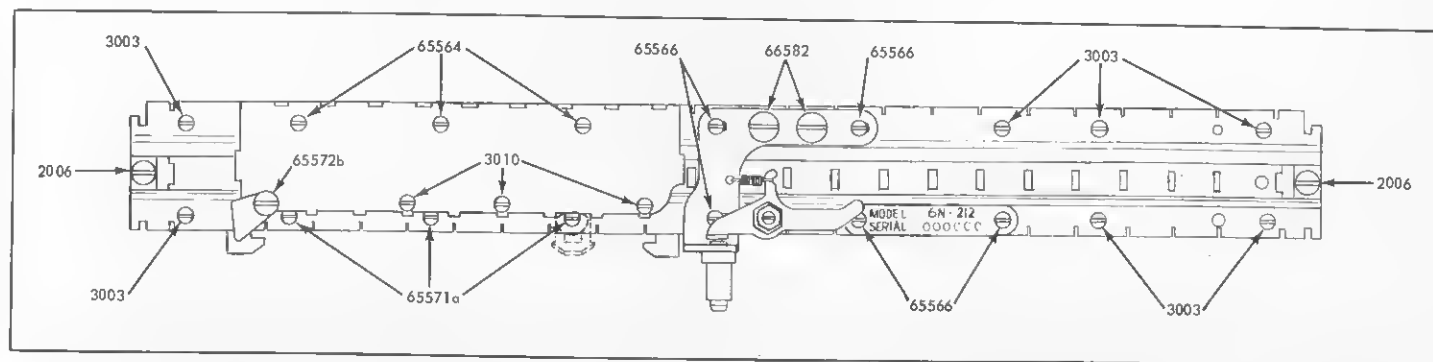
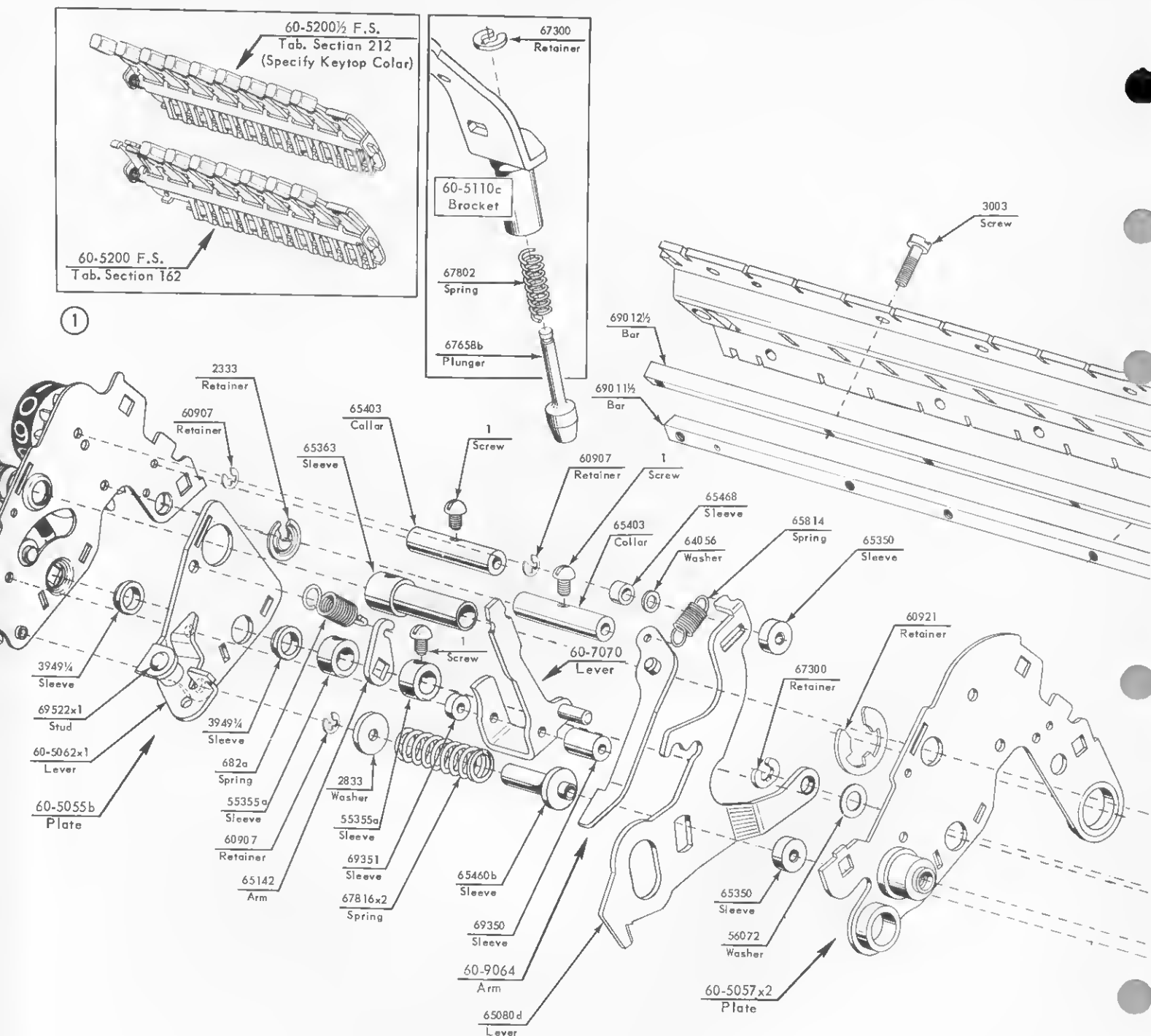


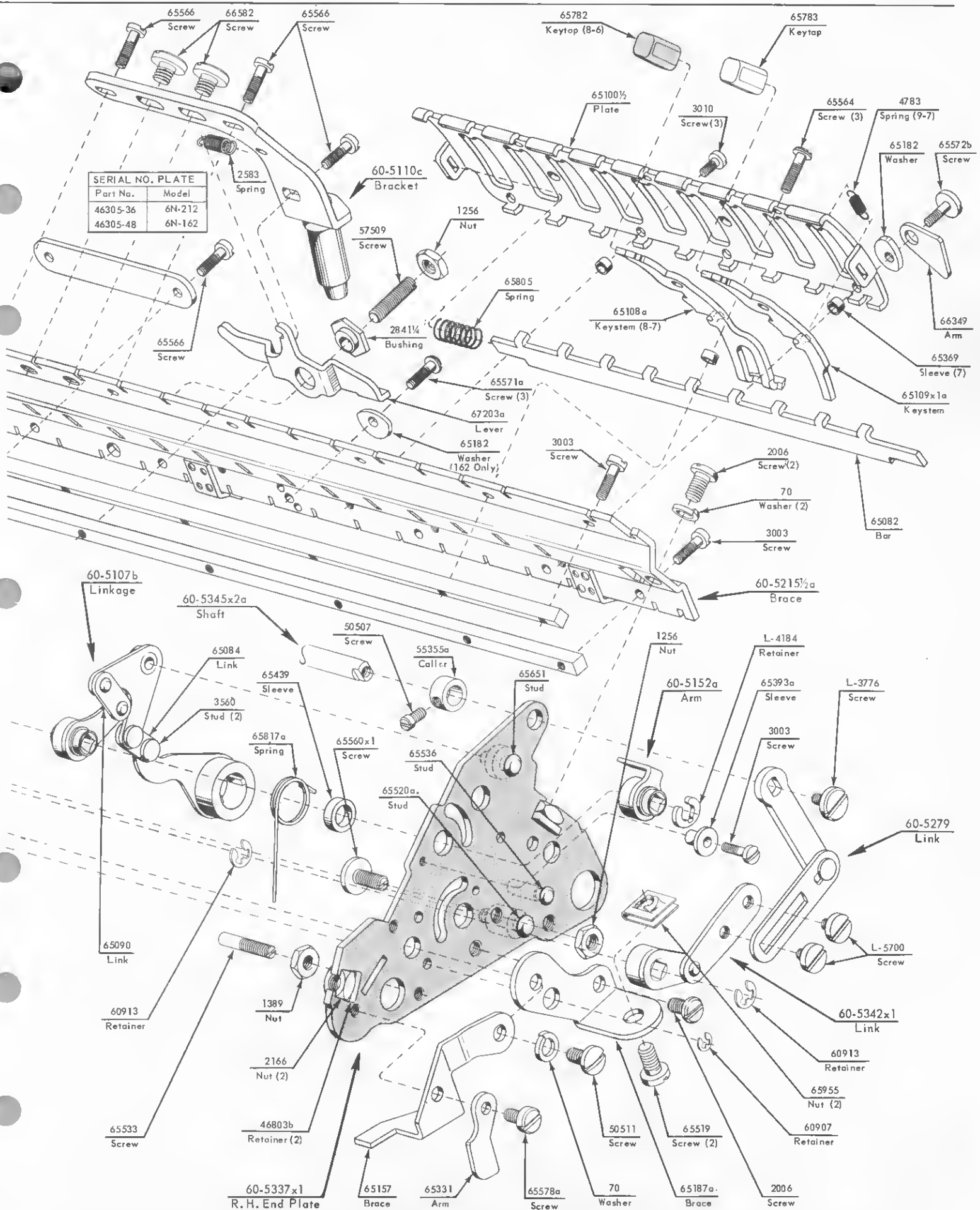
NOTE - CIRCLED NUMERALS
INDICATE DIAL POSITION

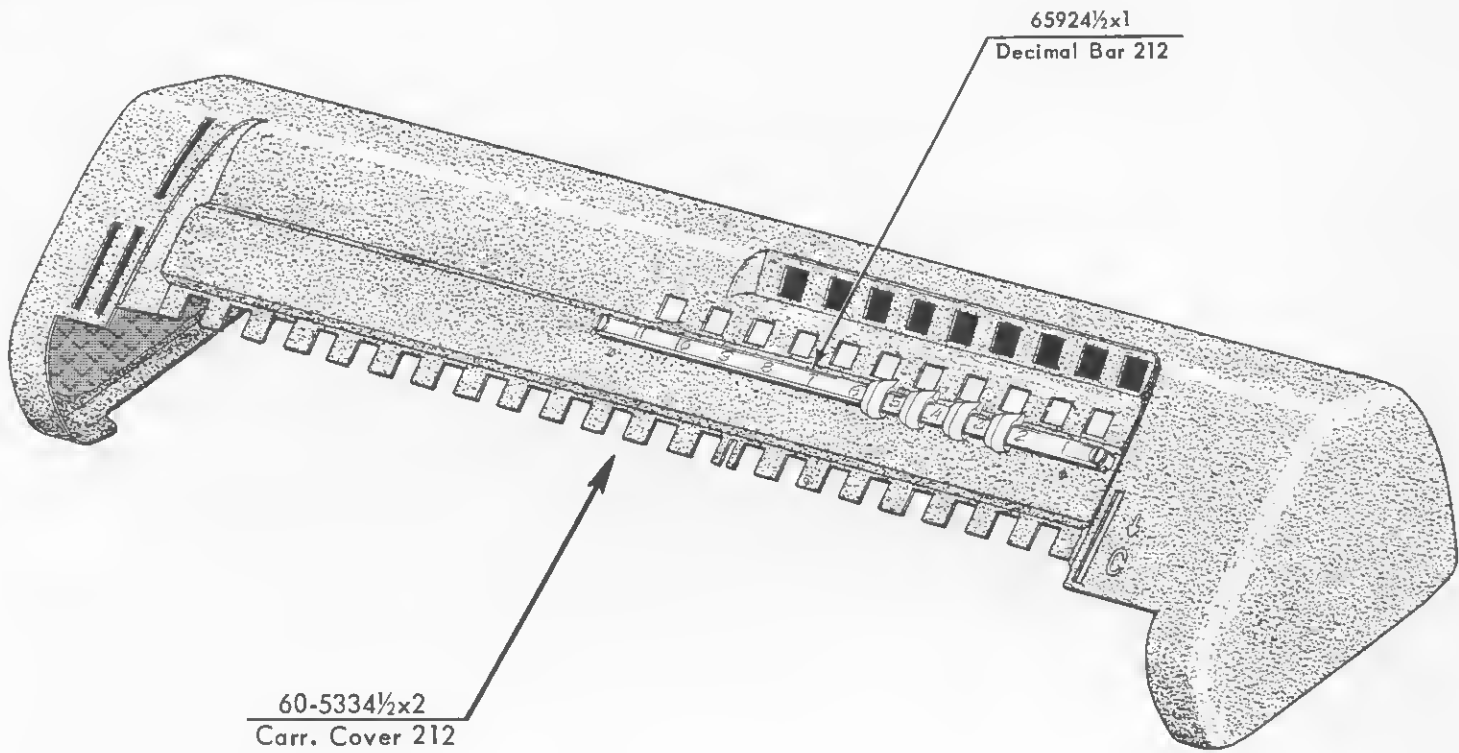




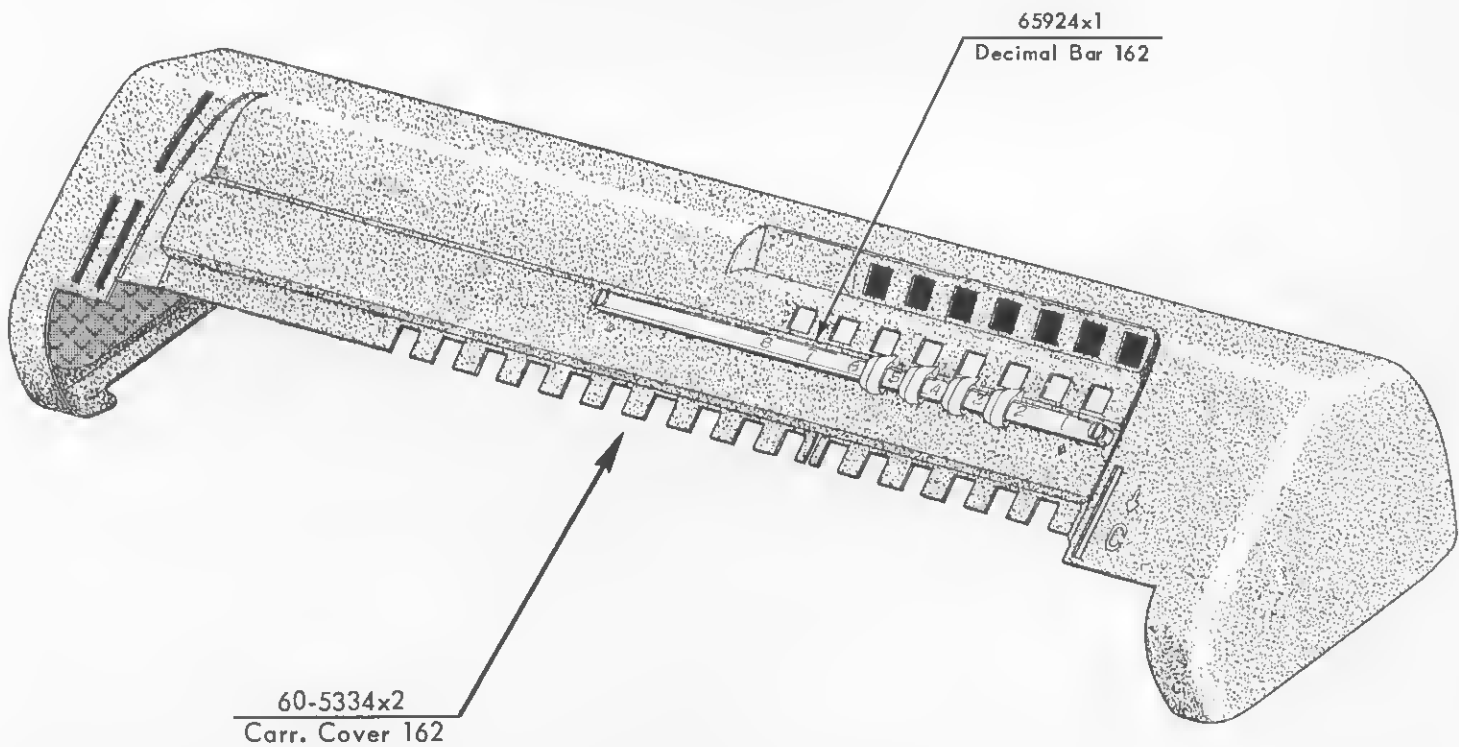


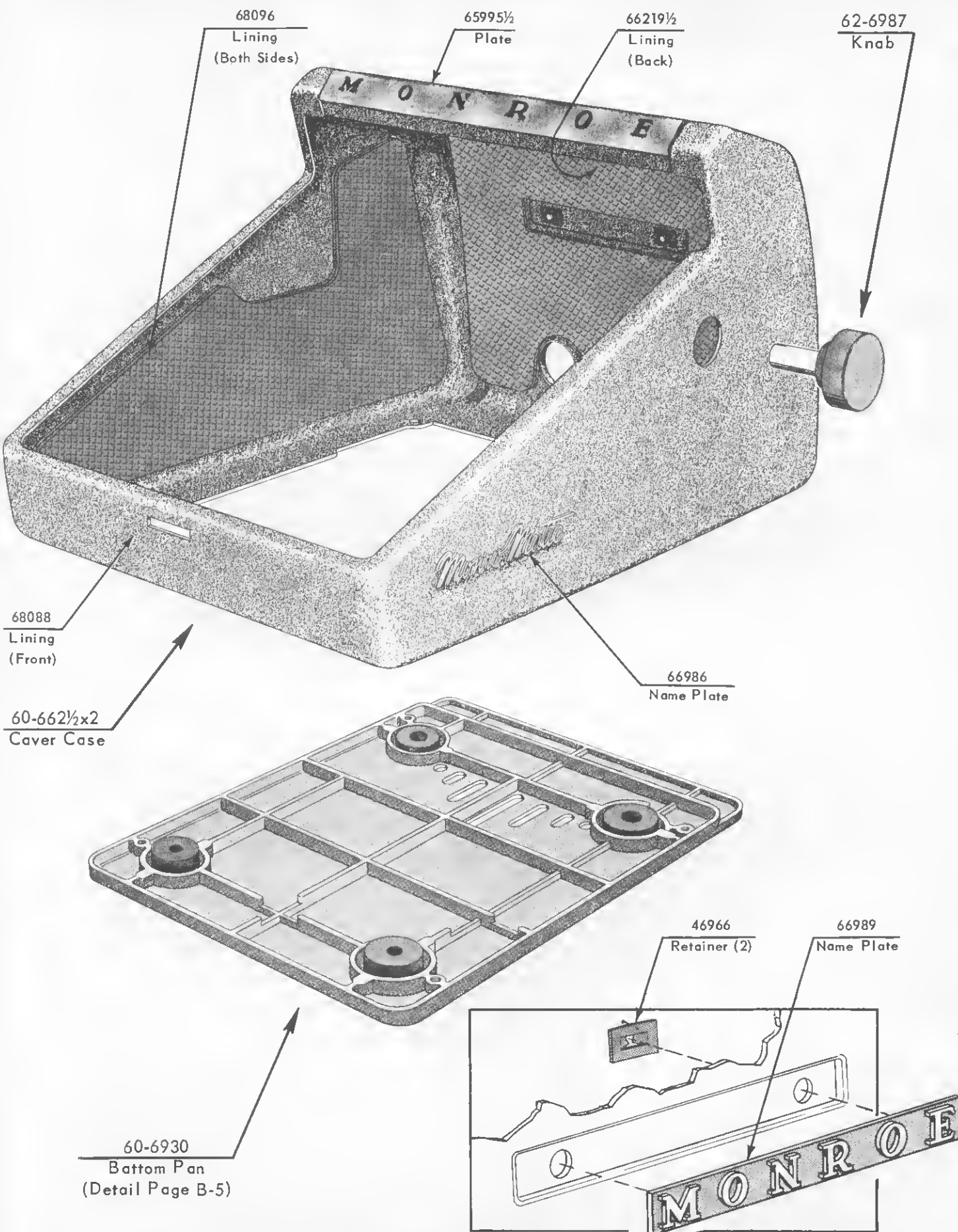




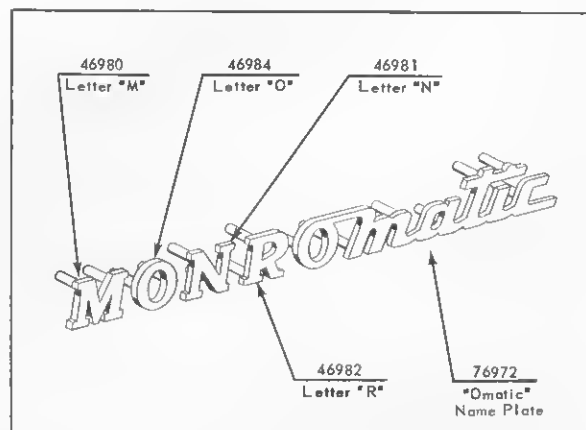
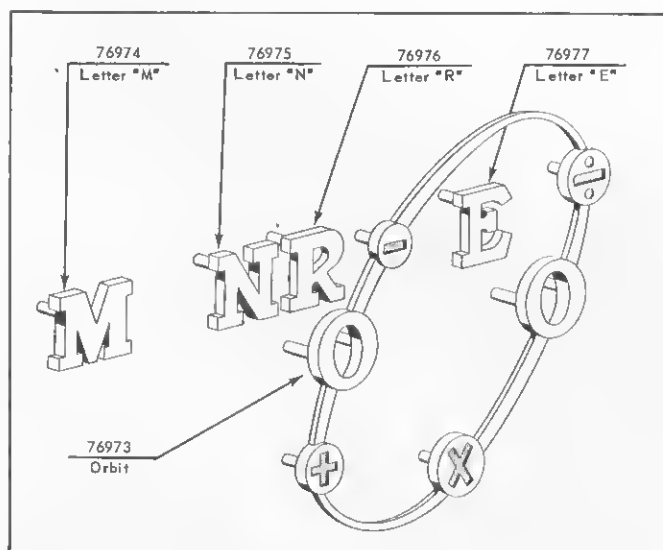
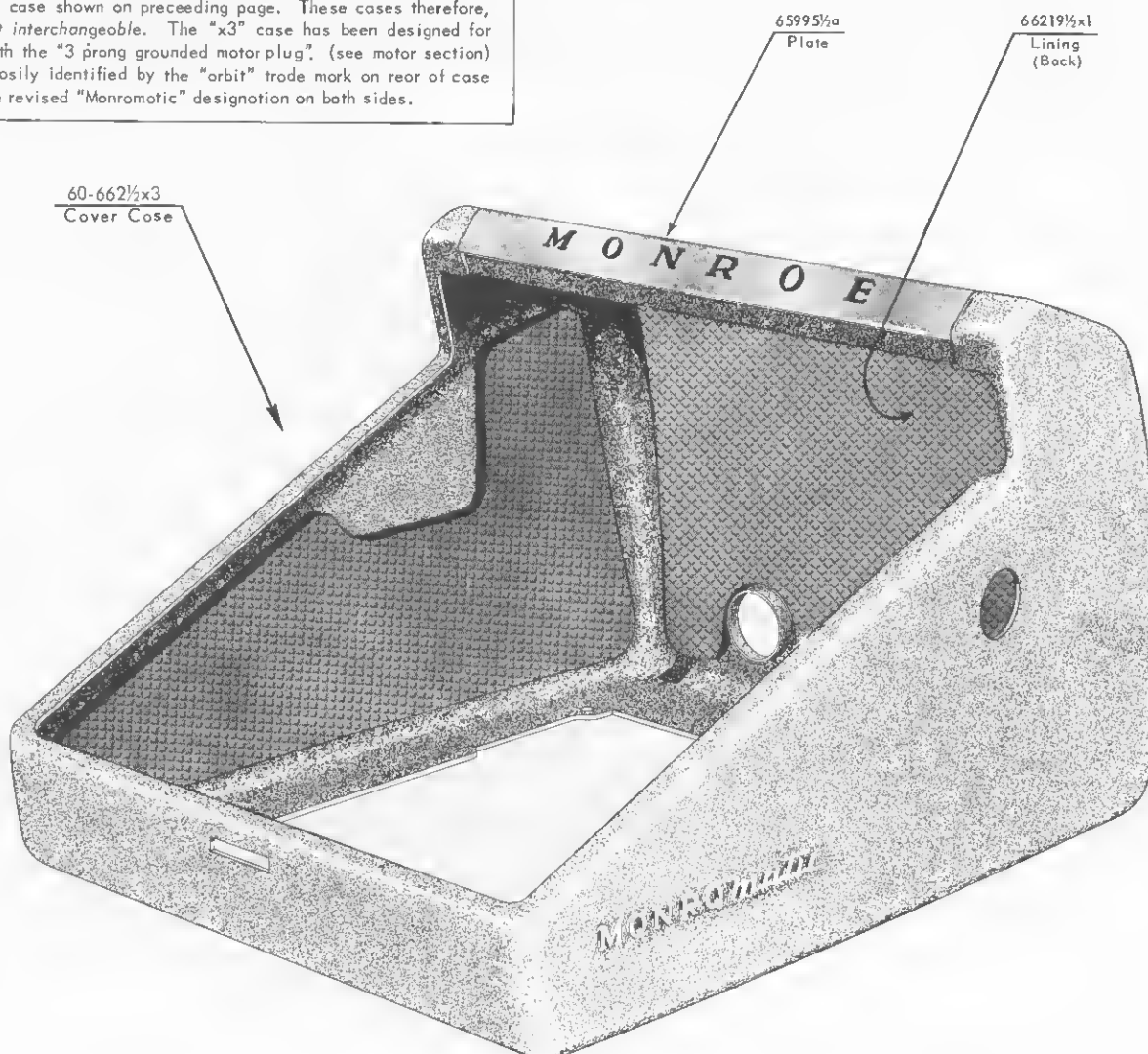


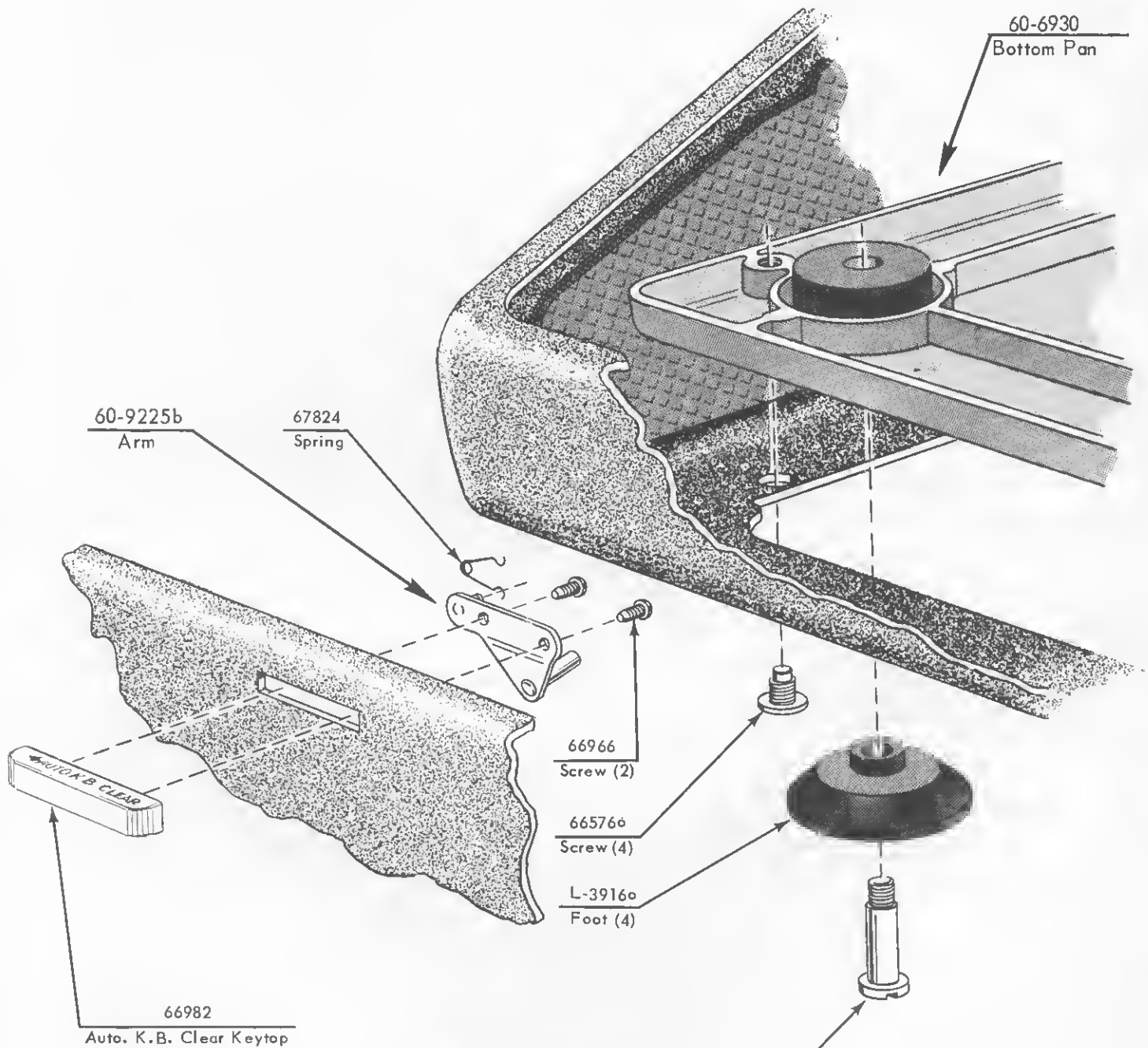
NOTE: For details of carriage cover refer to page A-1.



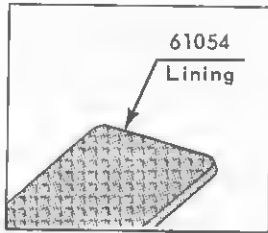


NOTE The motor cord hole in 60-662½x3 cover case illustrated below is larger in diameter and closer to the left-hand edge than hole in case shown on preceding page. These cases therefore, are *not interchangeable*. The "x3" case has been designed for use with the "3 prong grounded motor plug". (see motor section) It is easily identified by the "orbit" trade mark on rear of case and the revised "Monromatic" designation on both sides.

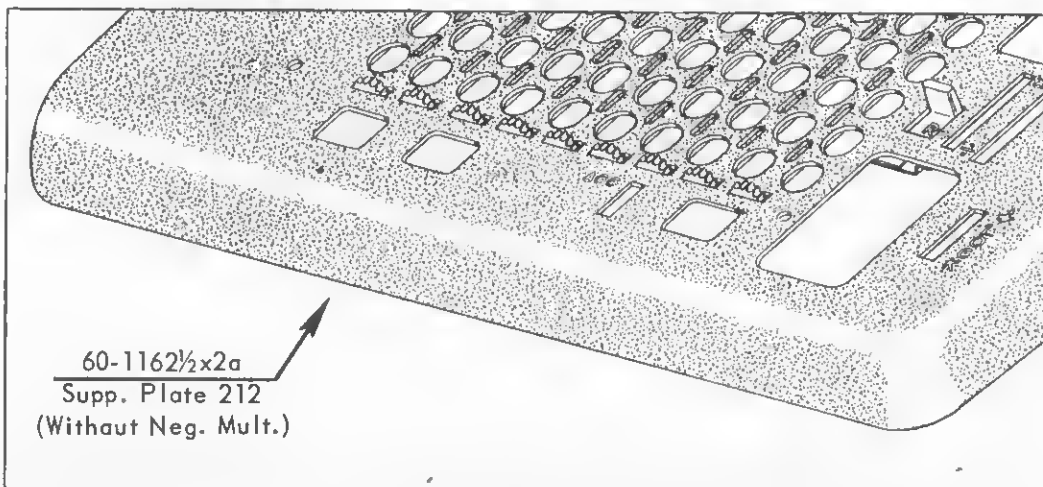
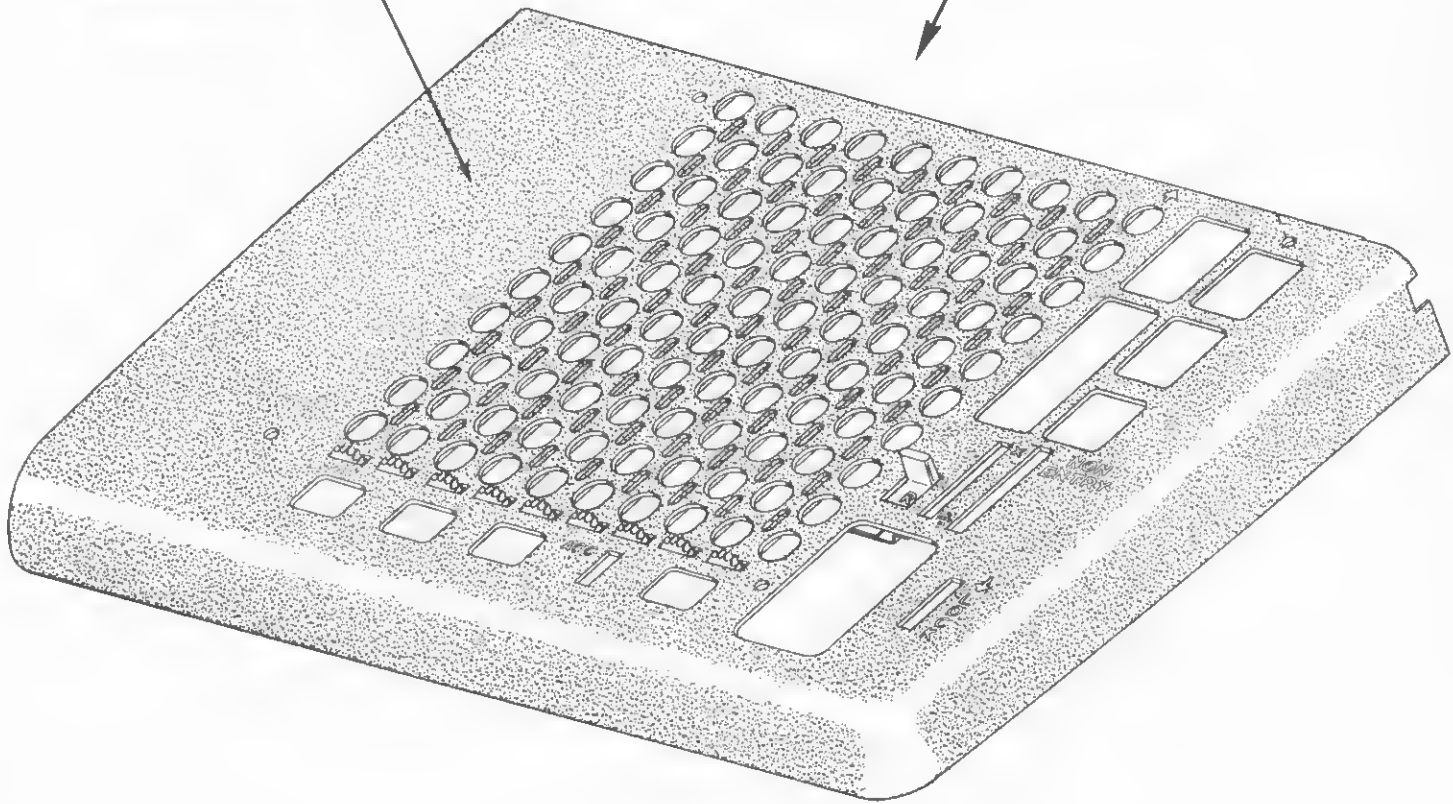


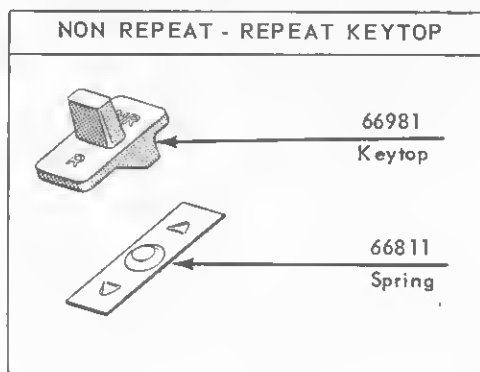


BOTTOM PAN SCREWS	
<p>43/64</p>	<p>25/64</p>
66649 Front (2)	66674 Rear (2)

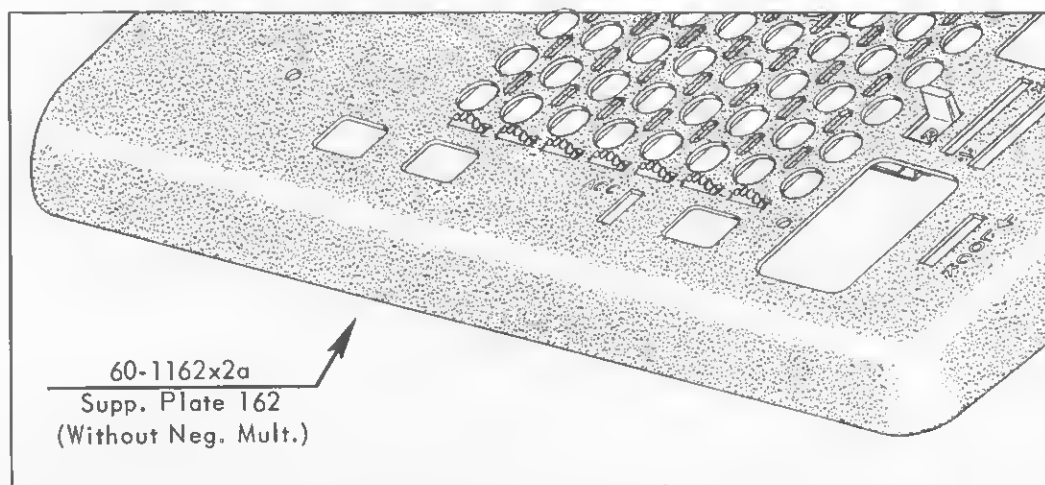
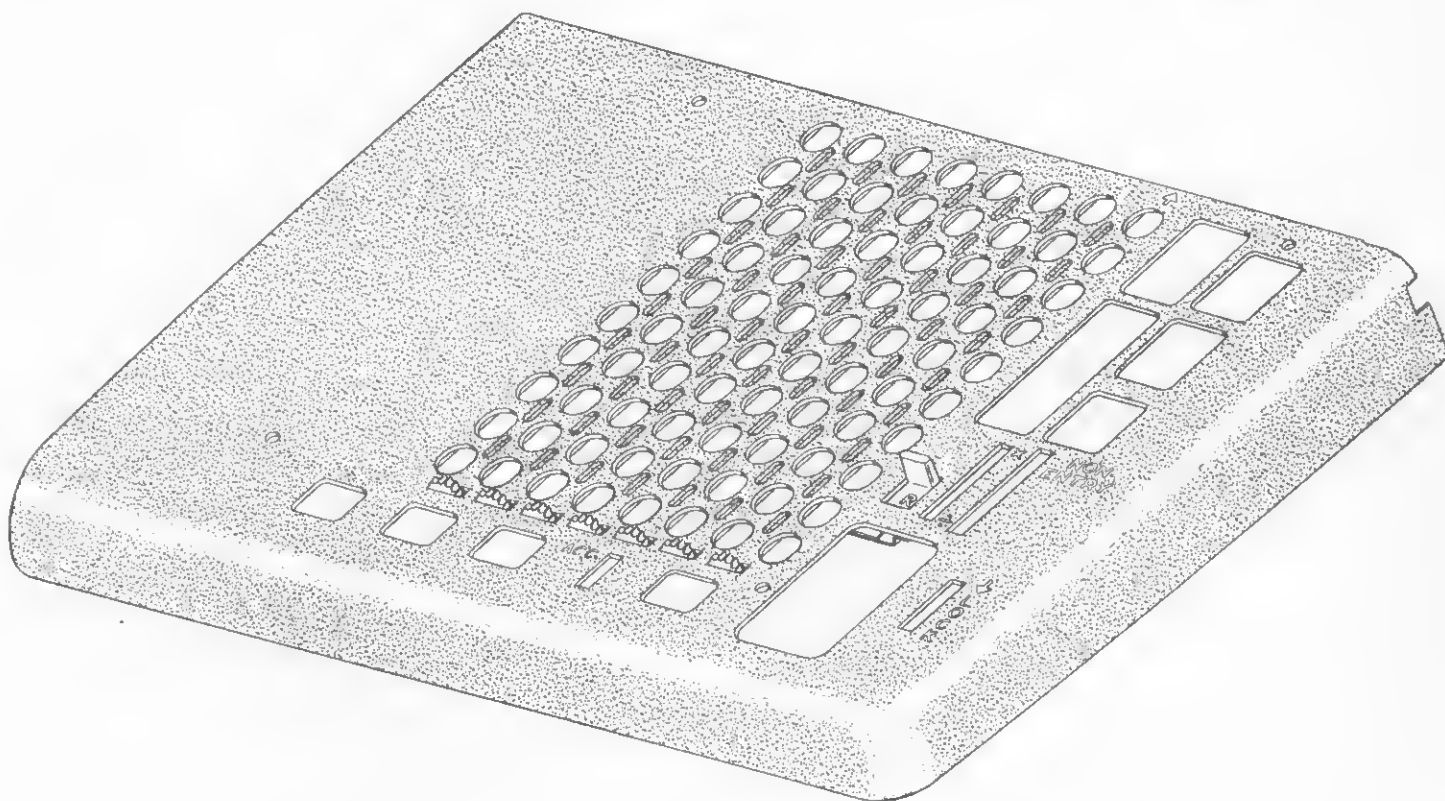
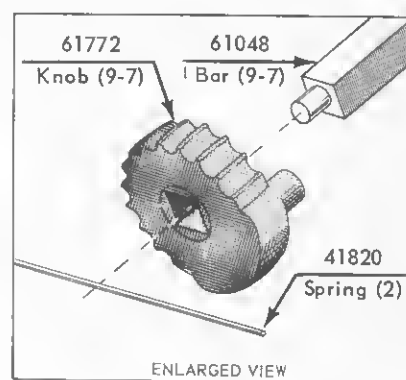


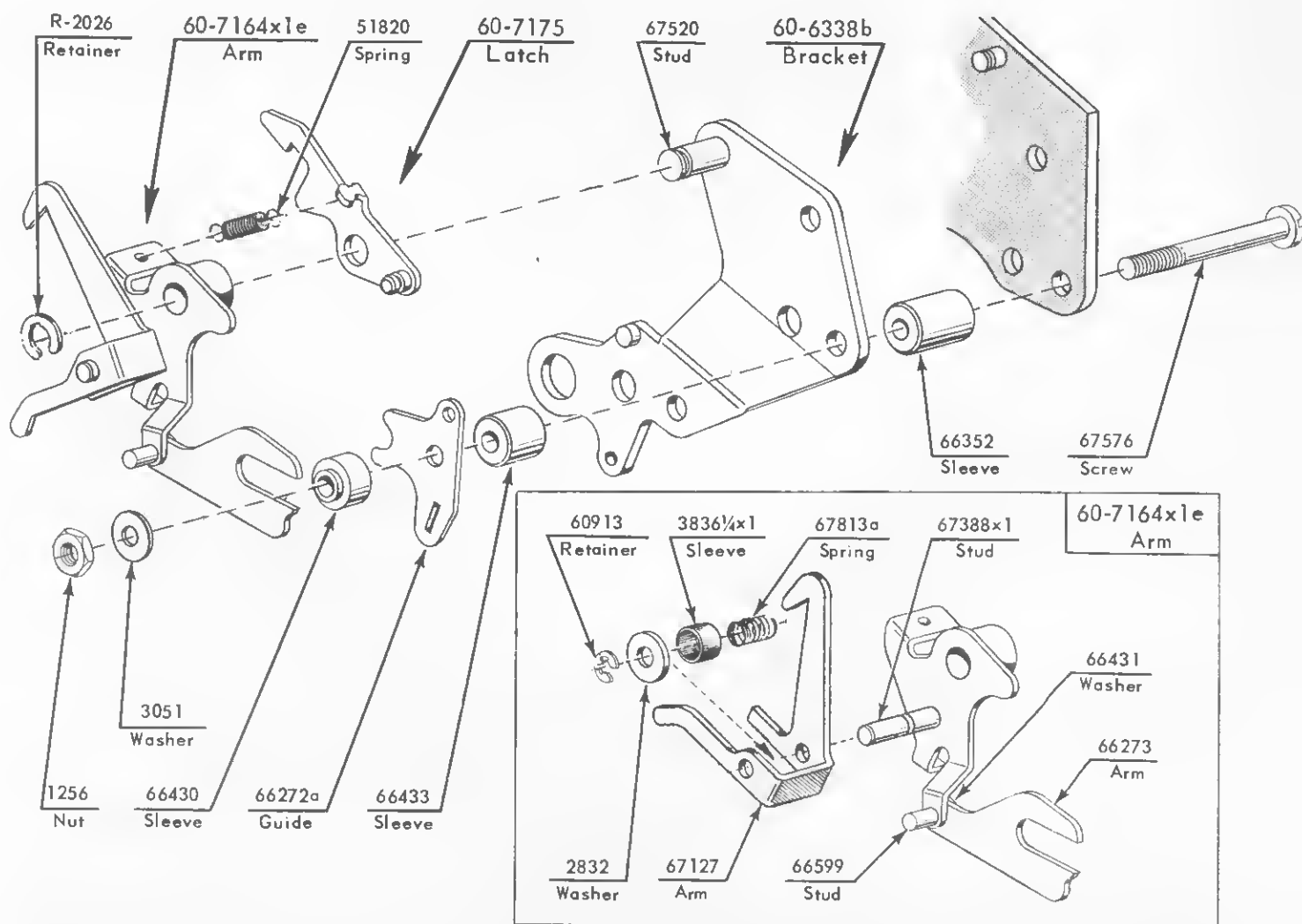
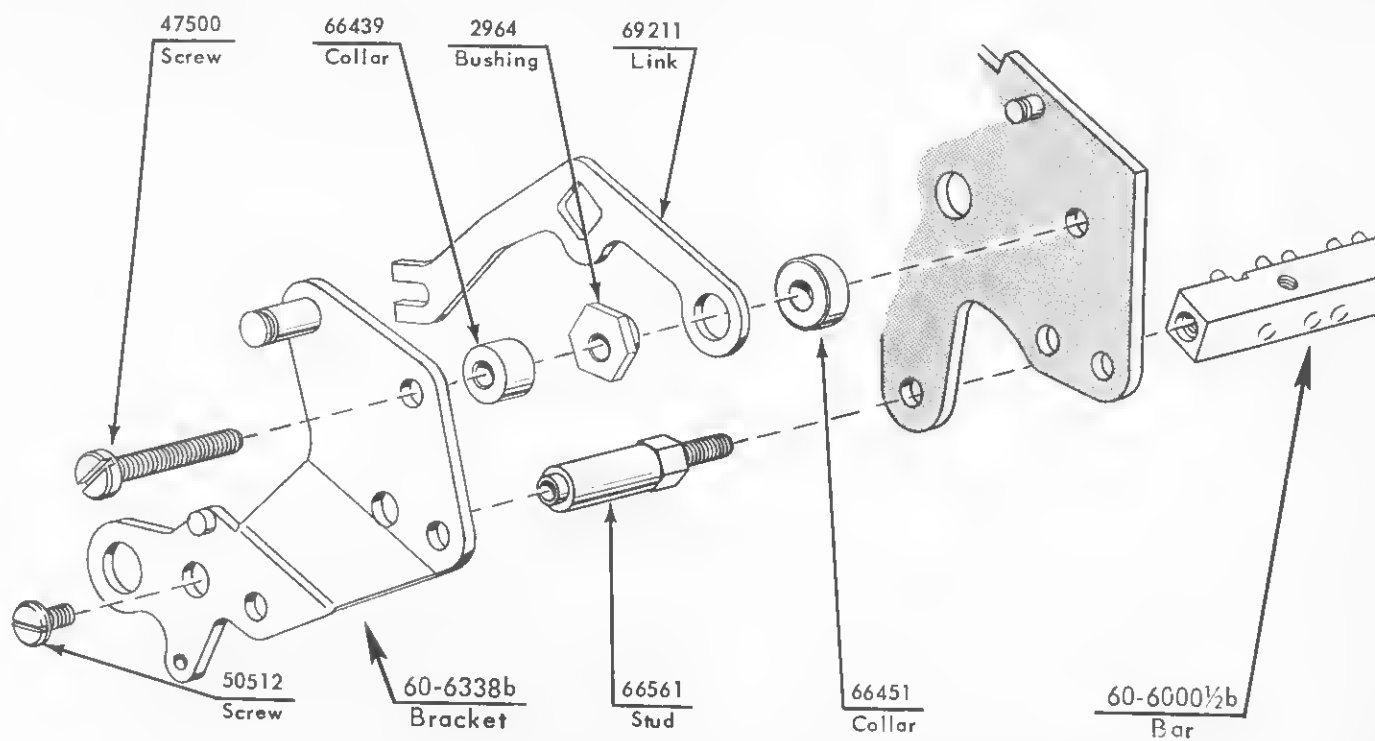
60-1172½x2a
Supp. Plate 212
(With Neg. Mult.)



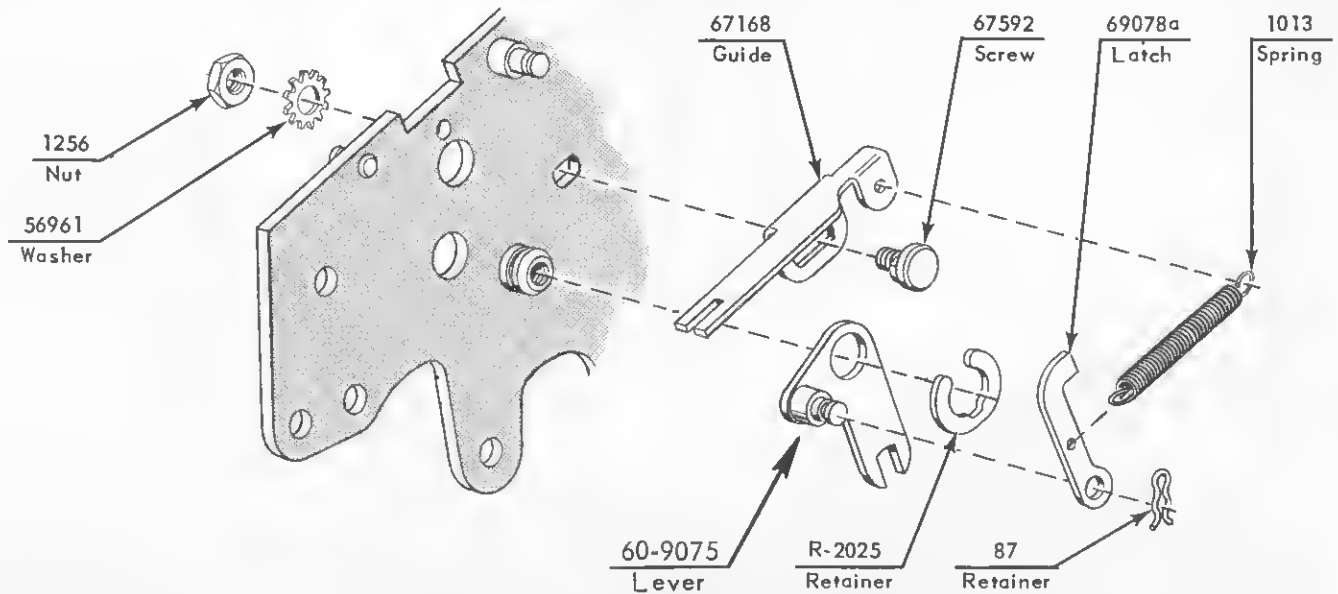
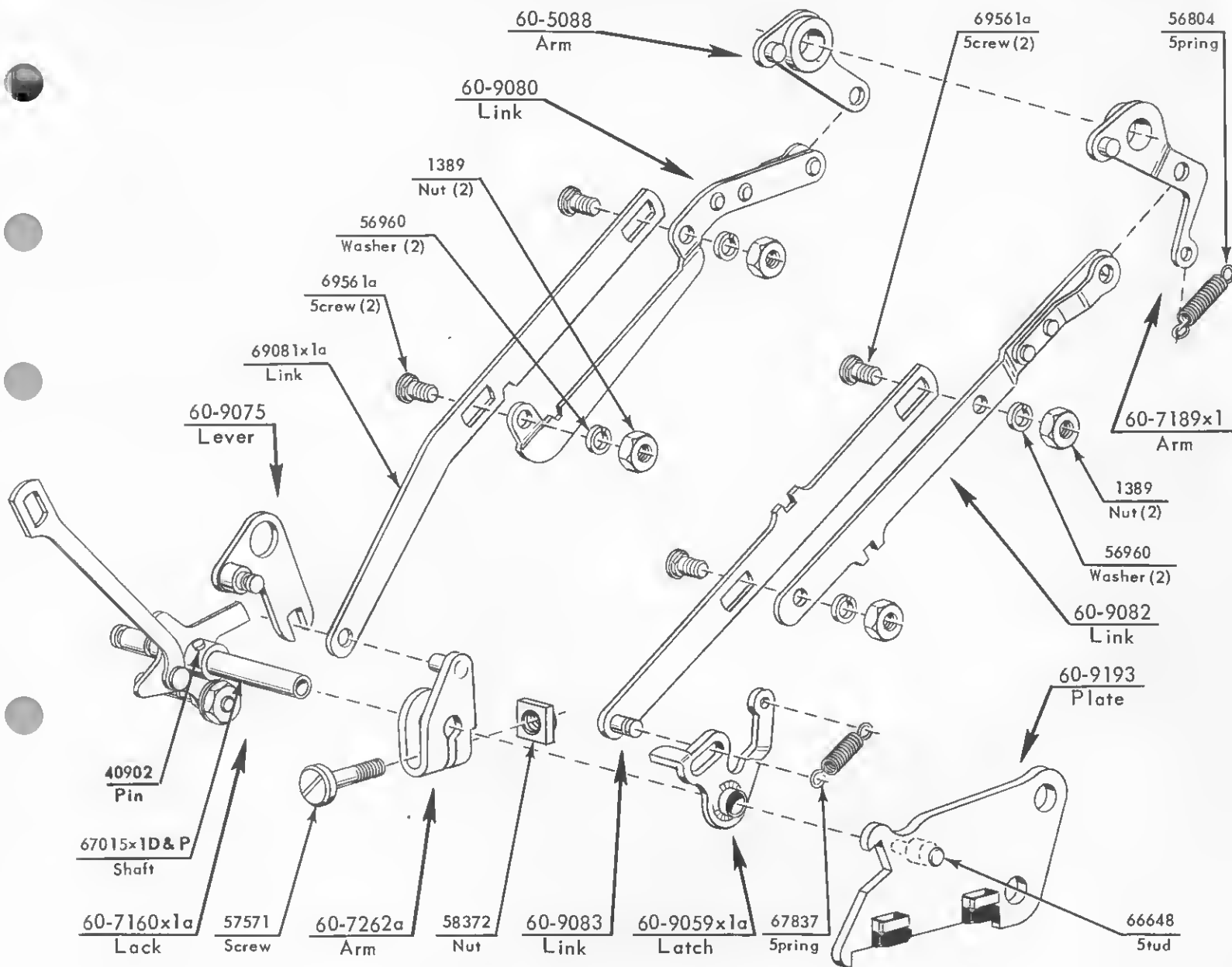


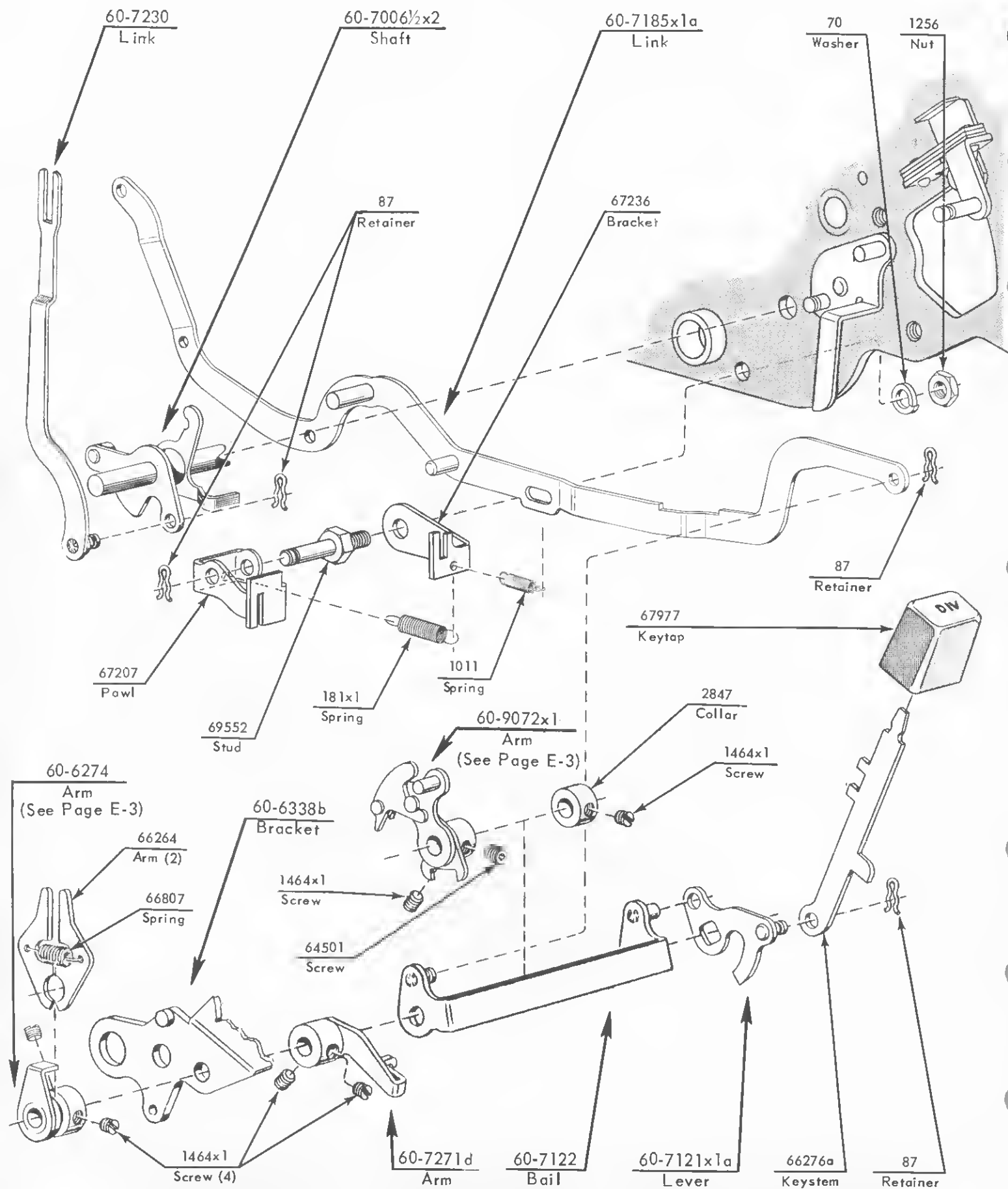
60-1172x2a
Supp. Plate 162
(With Neg. Mult.)

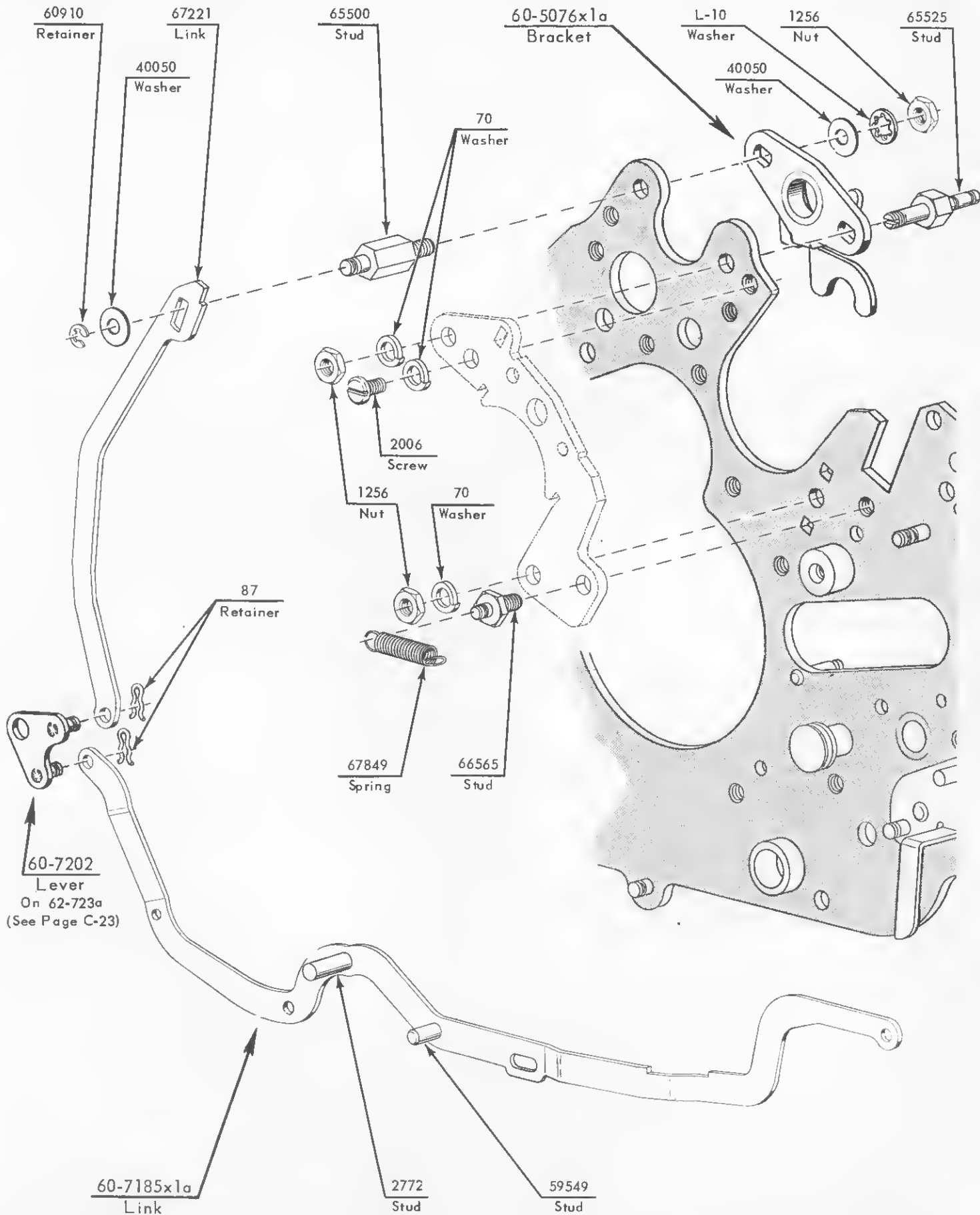


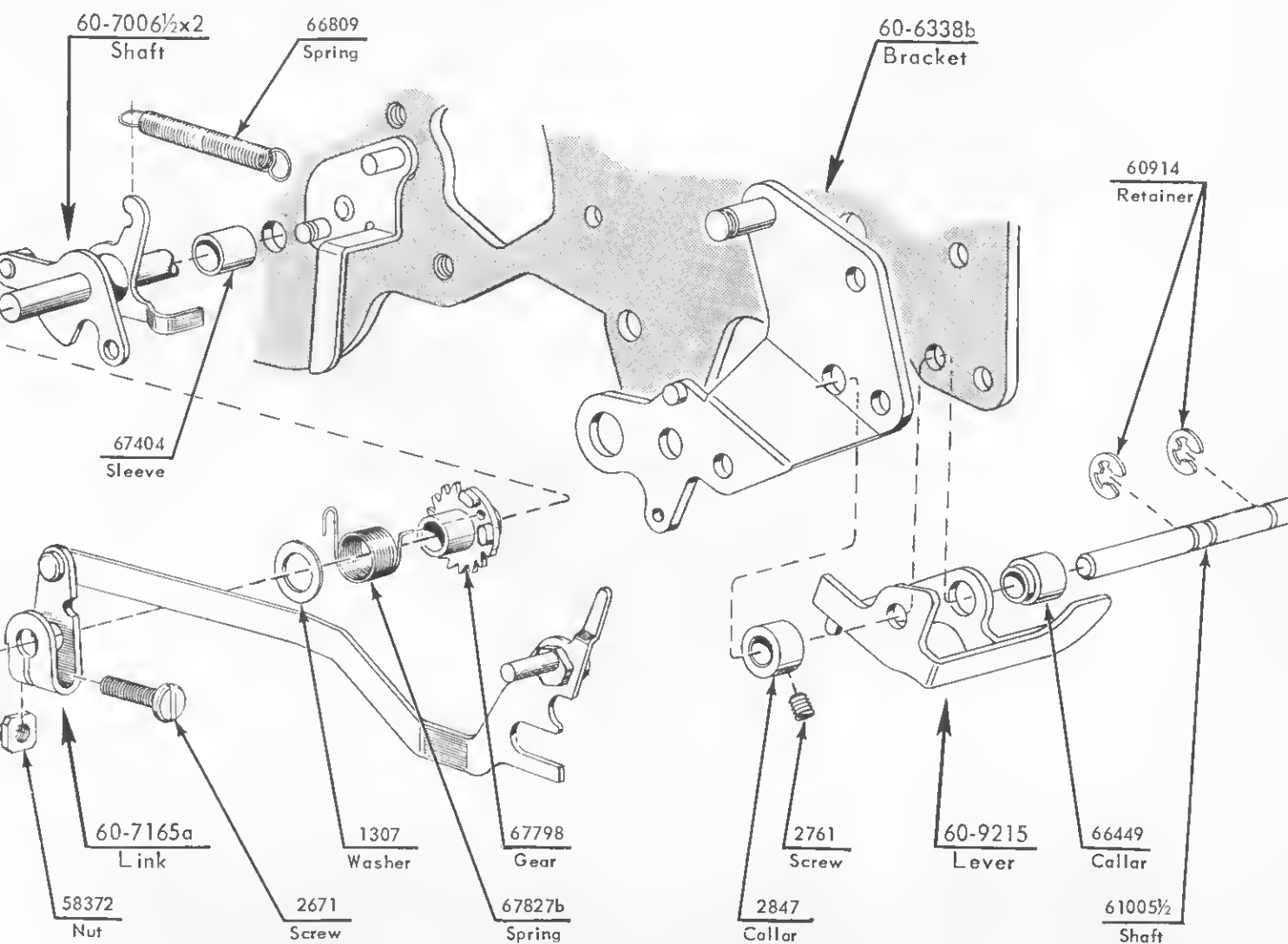
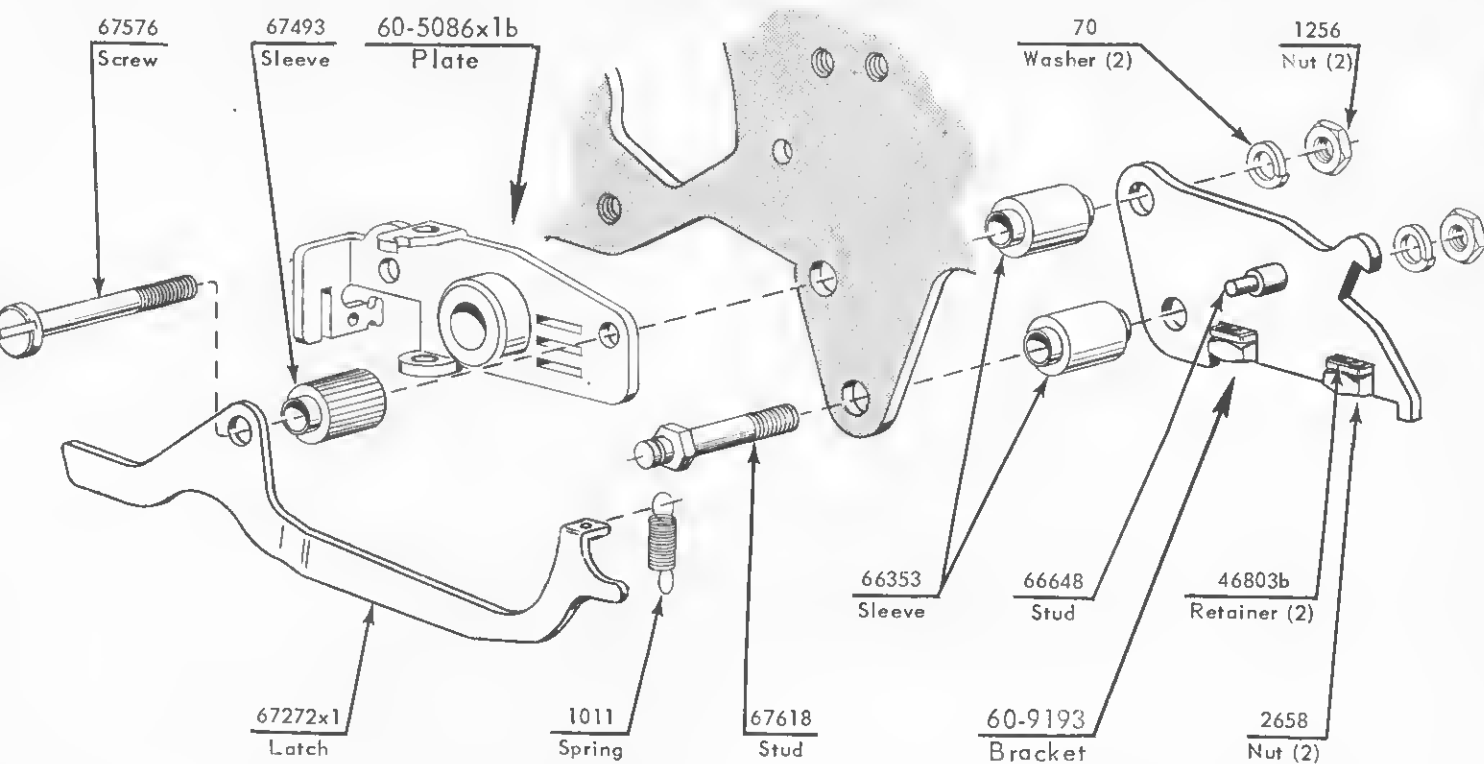


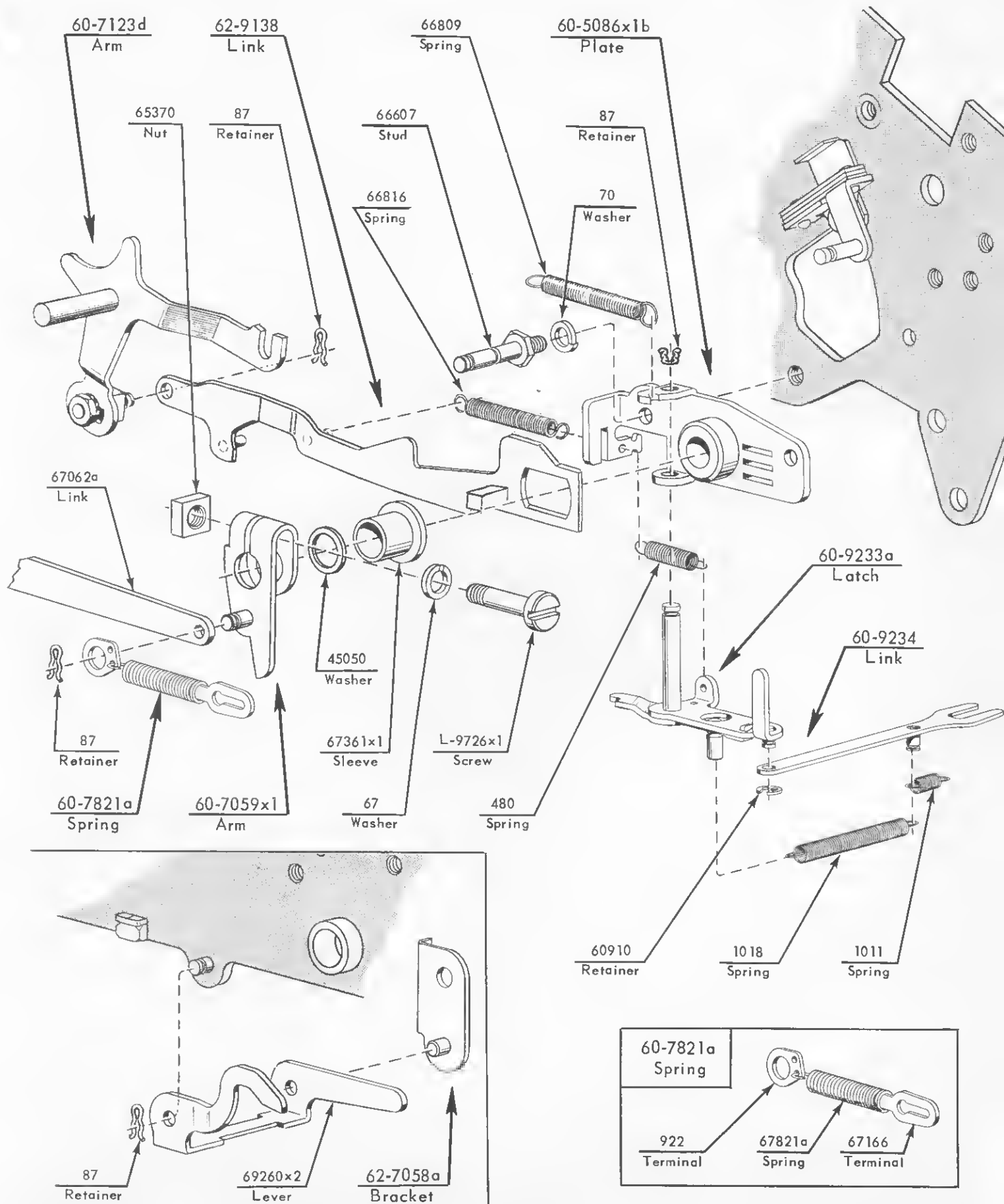


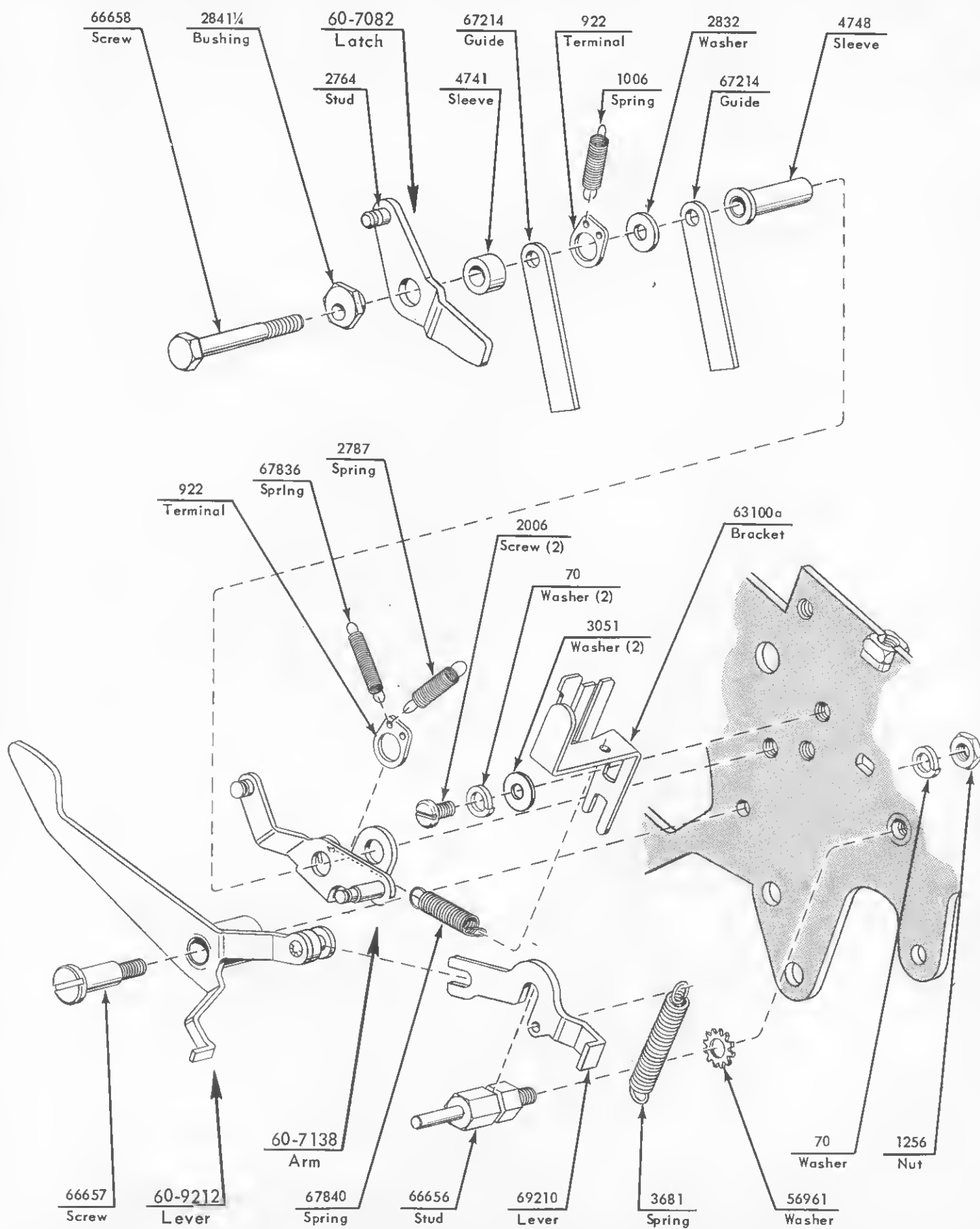


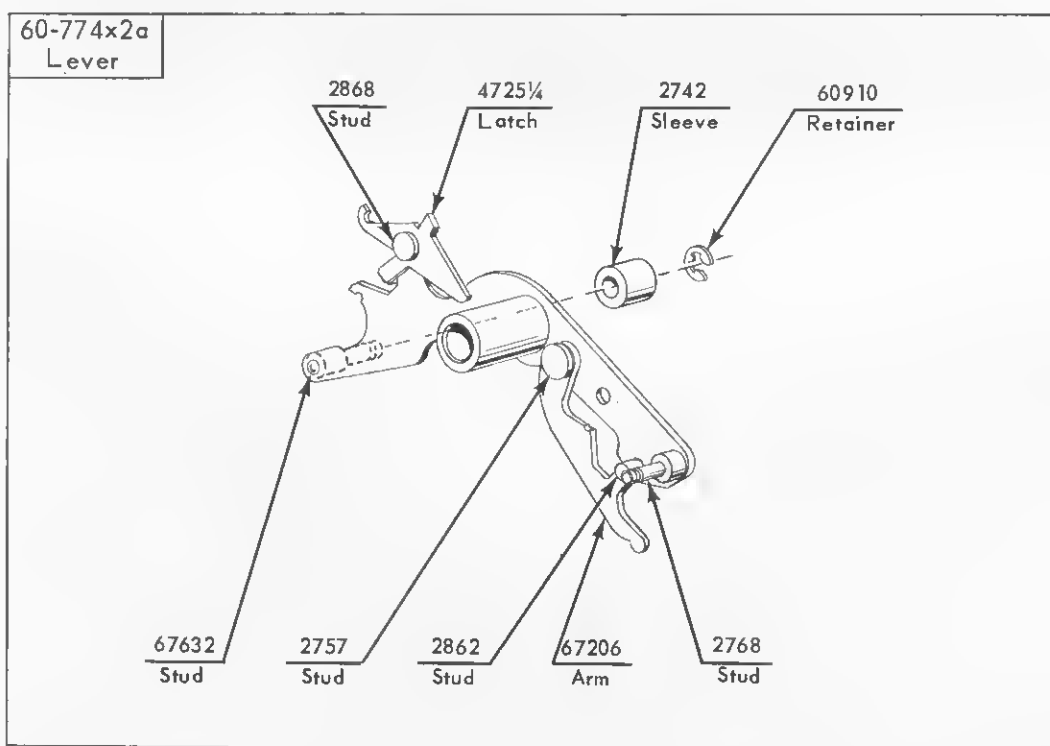
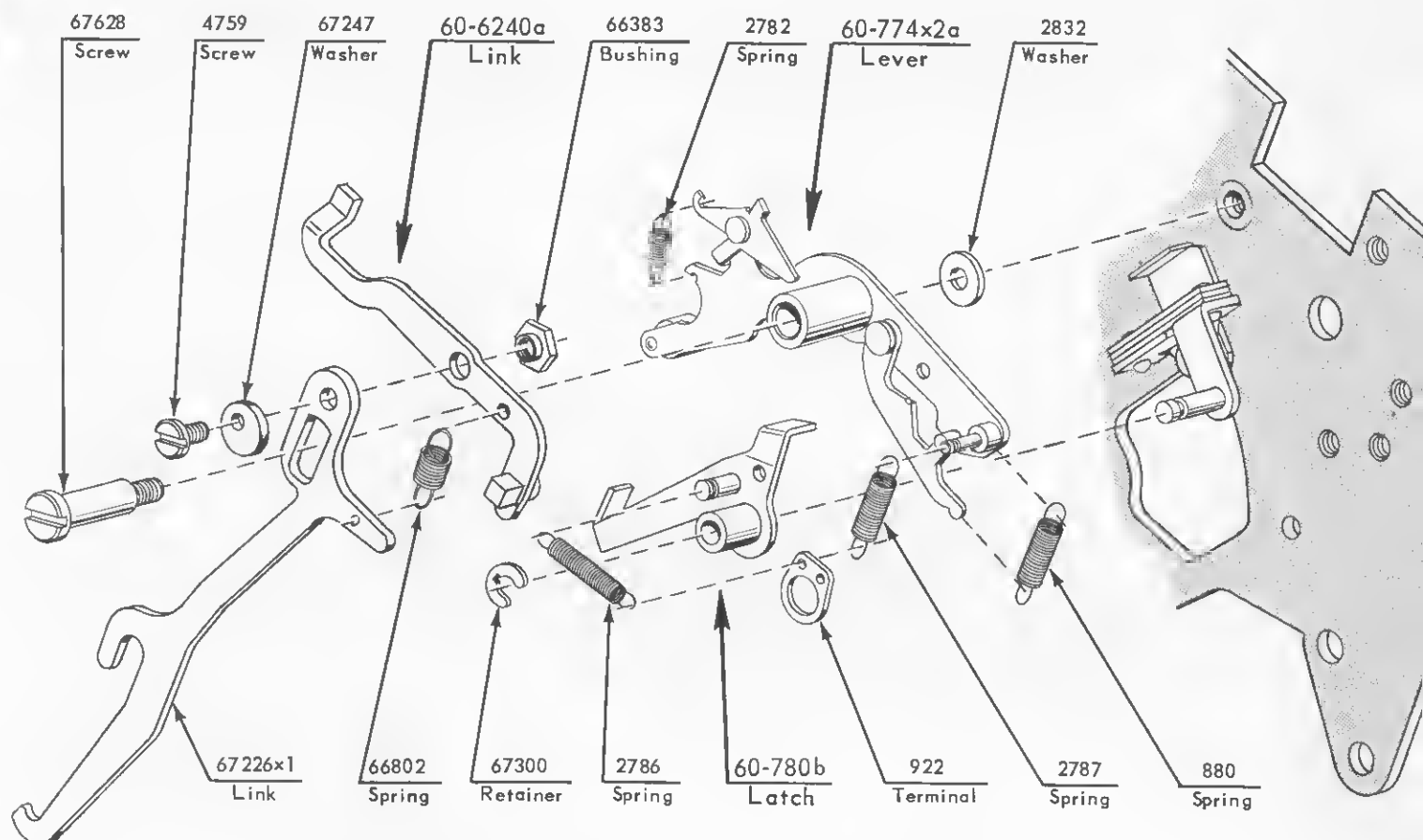


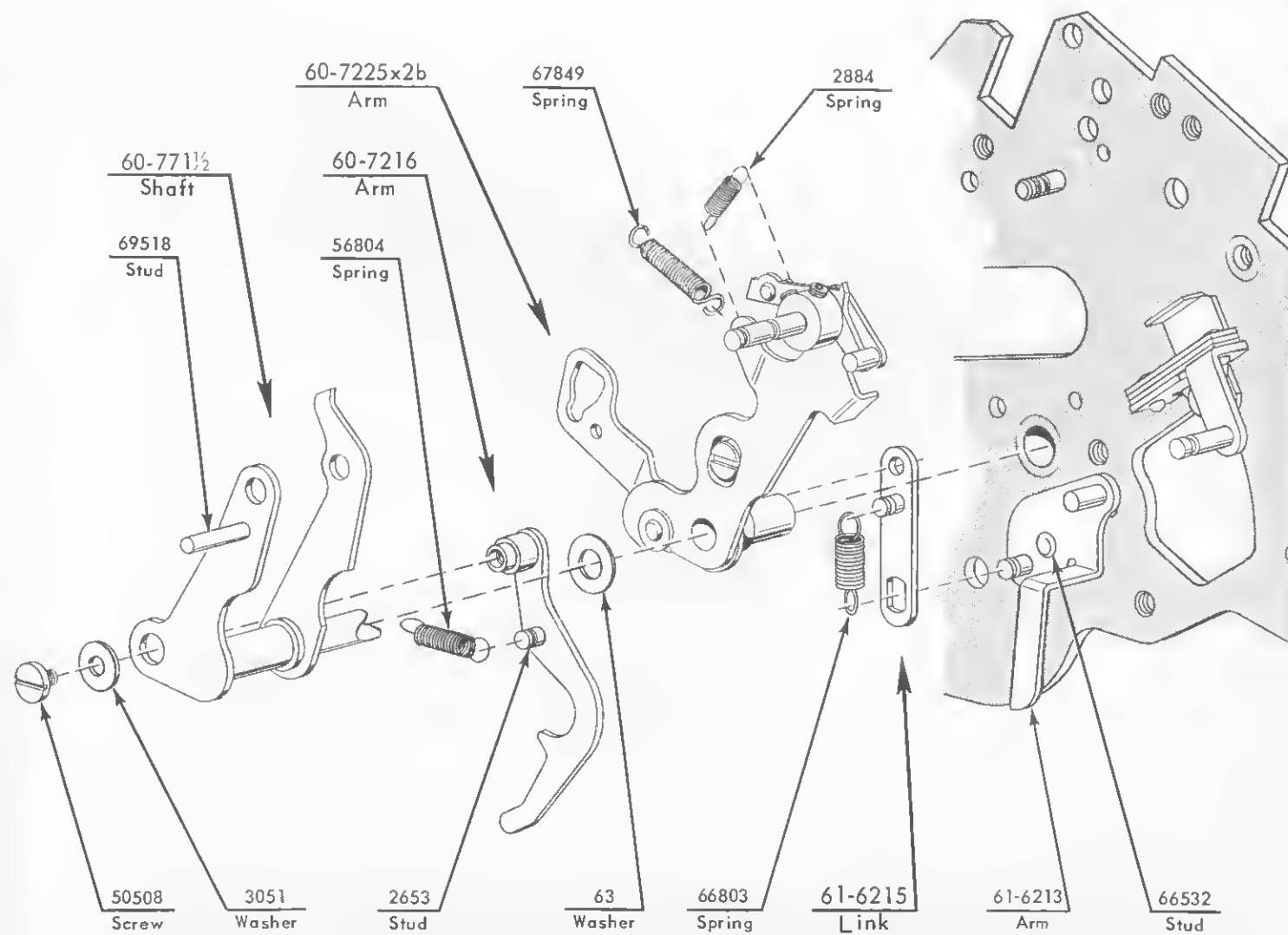
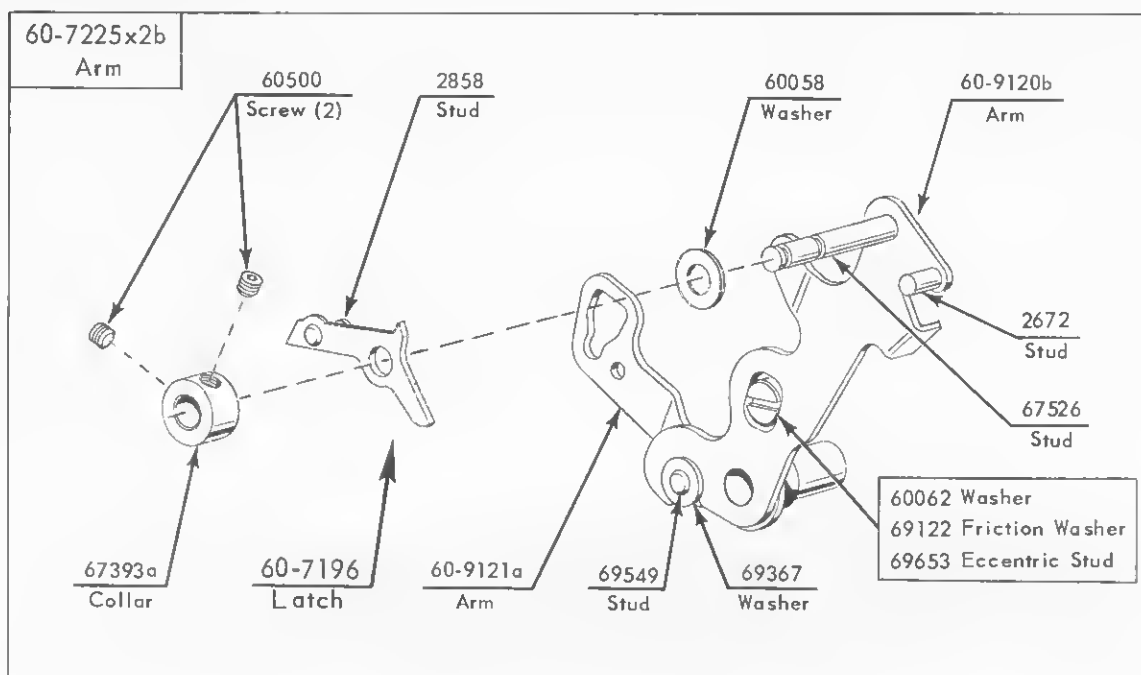


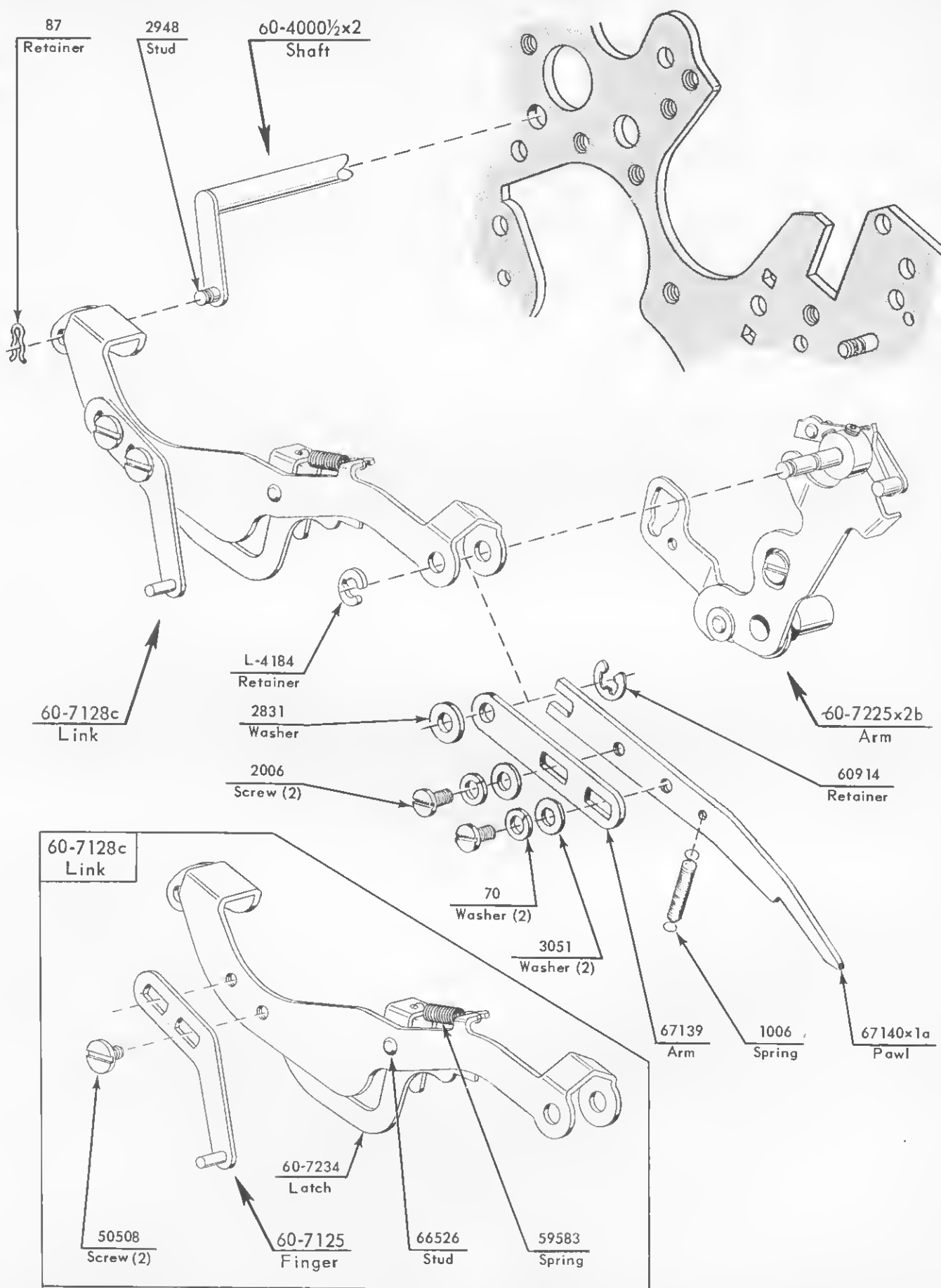




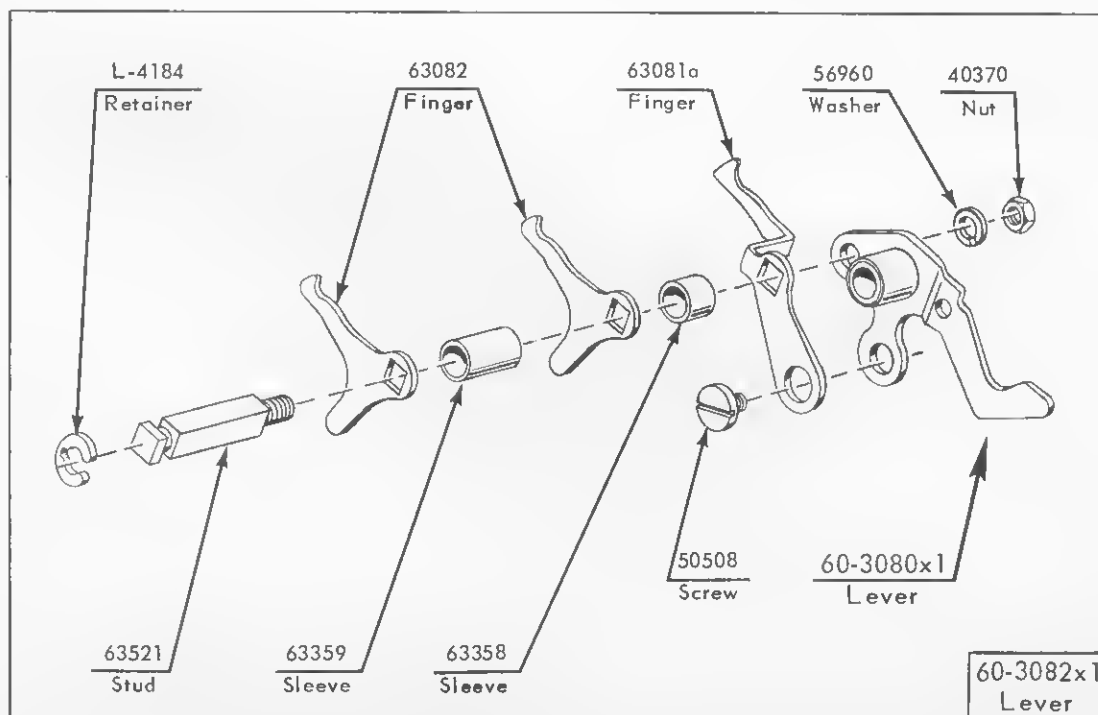
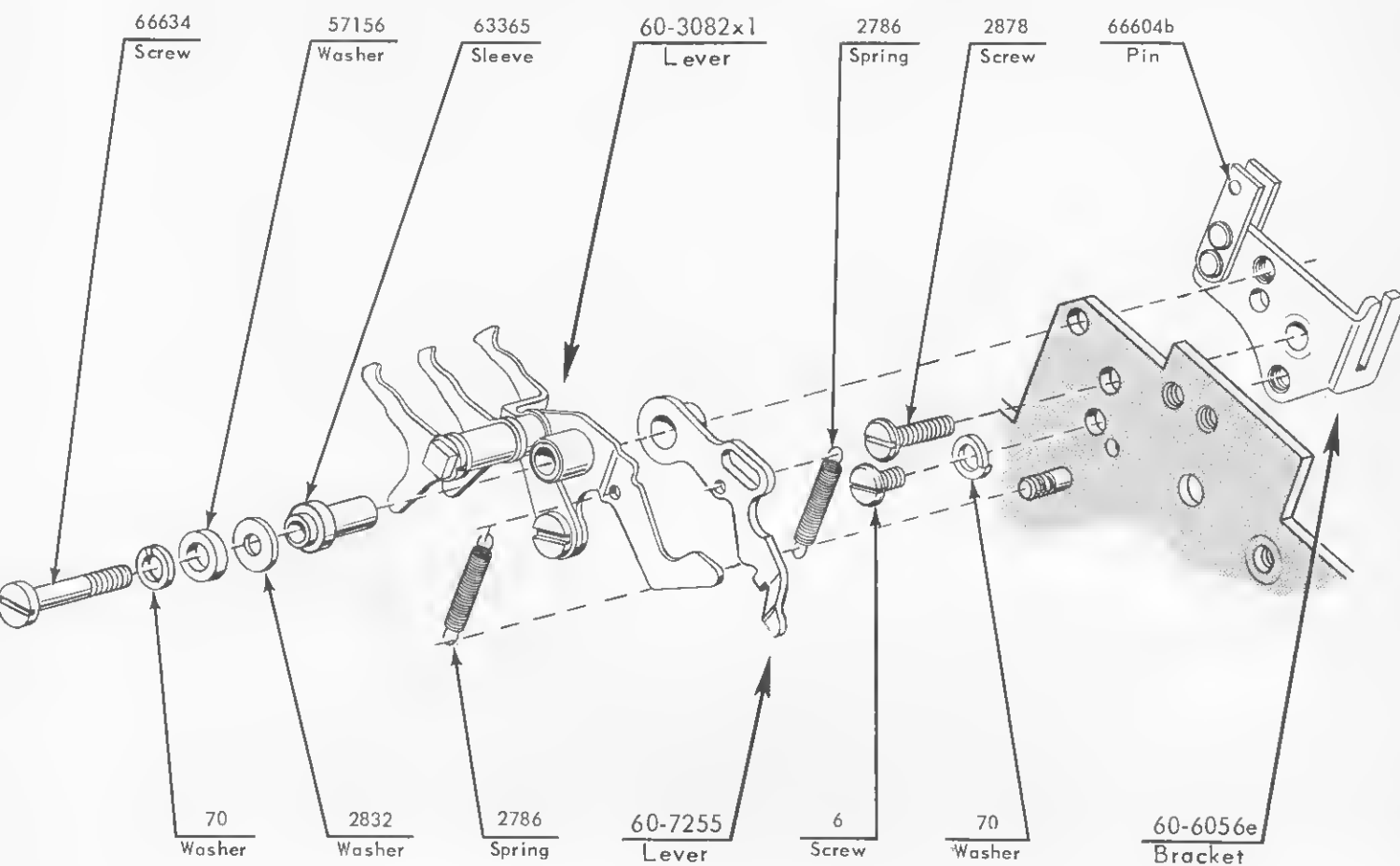


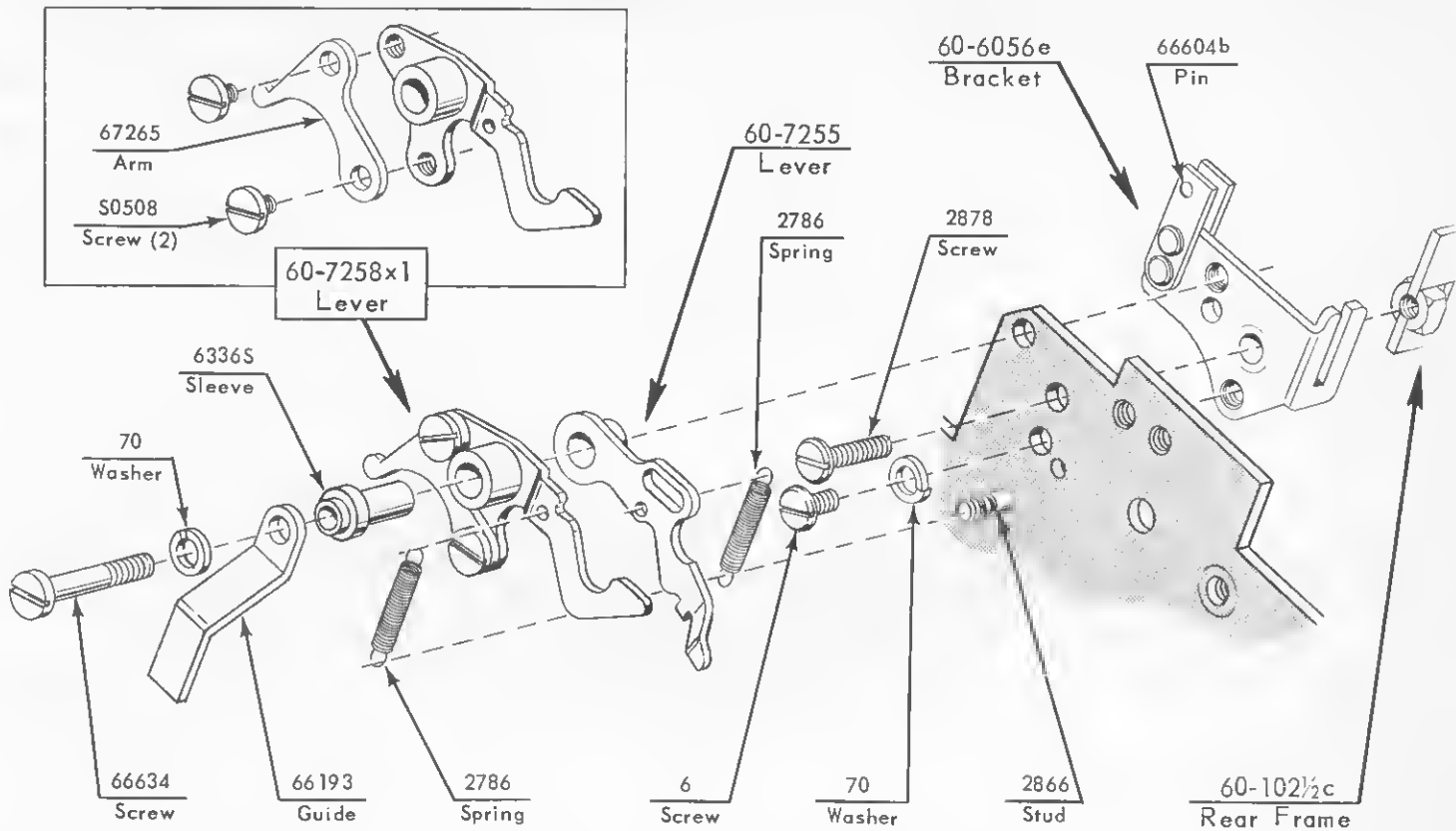




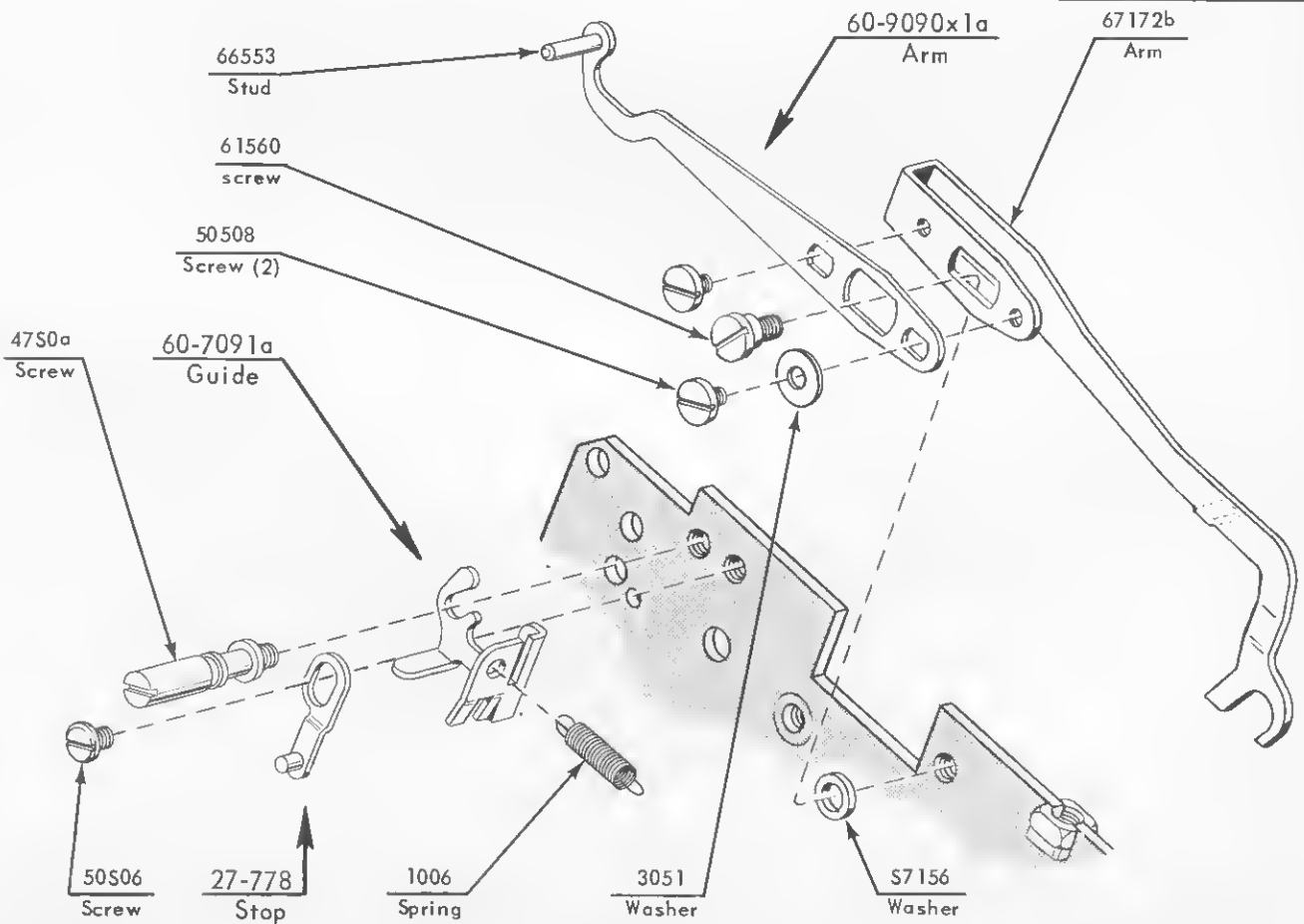


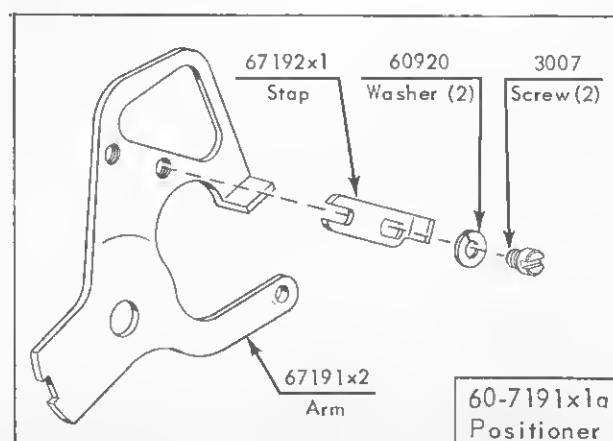
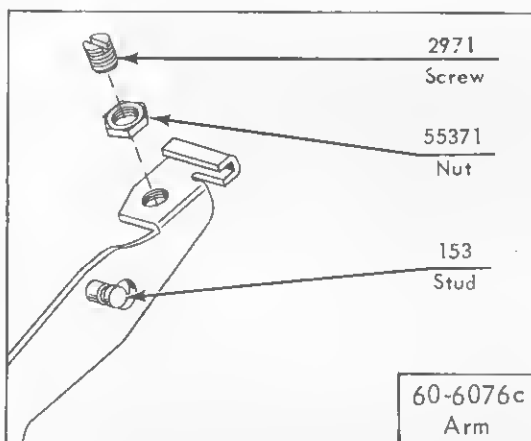
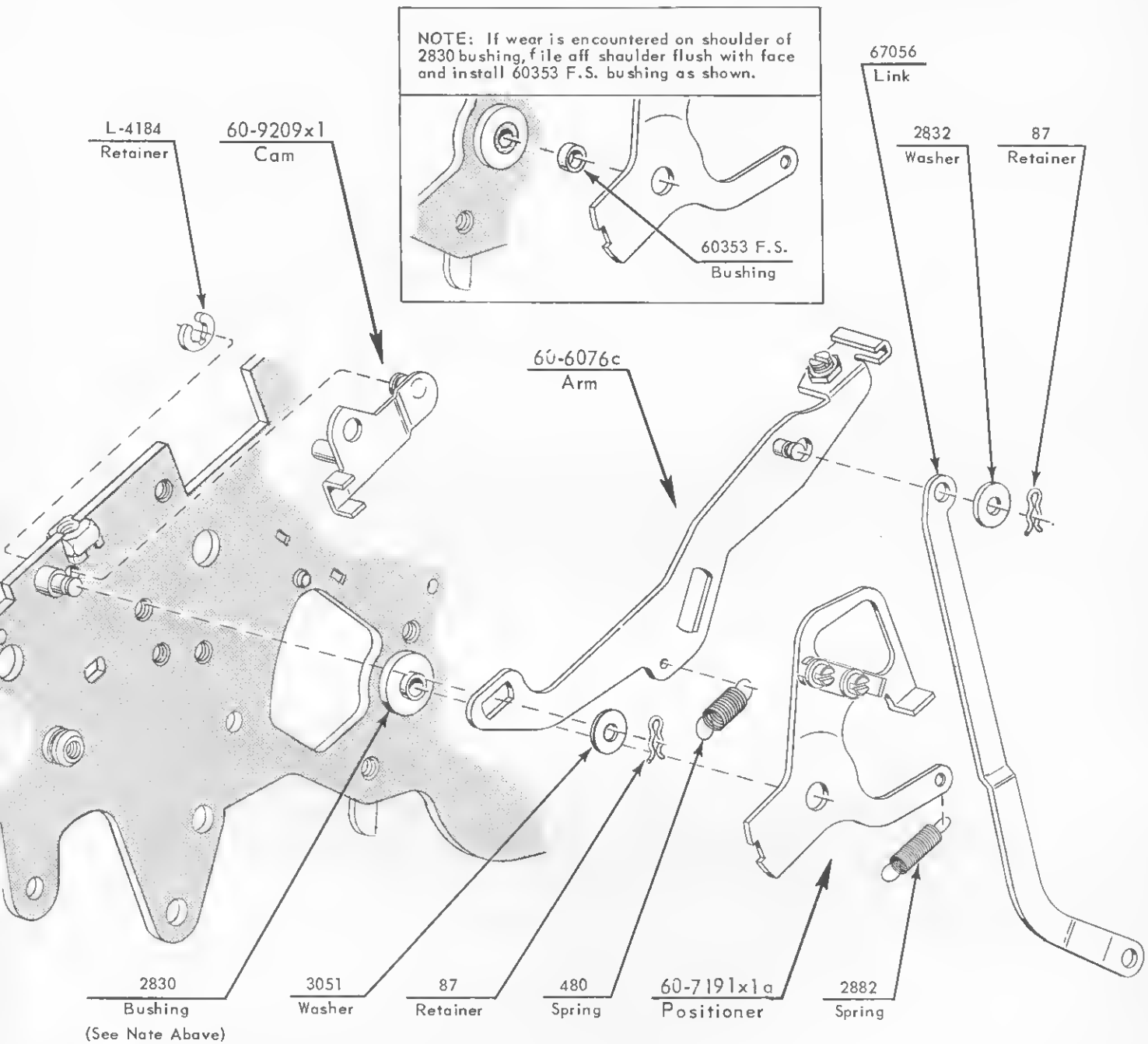
8 BANK TRIP LEVER MECHANISM

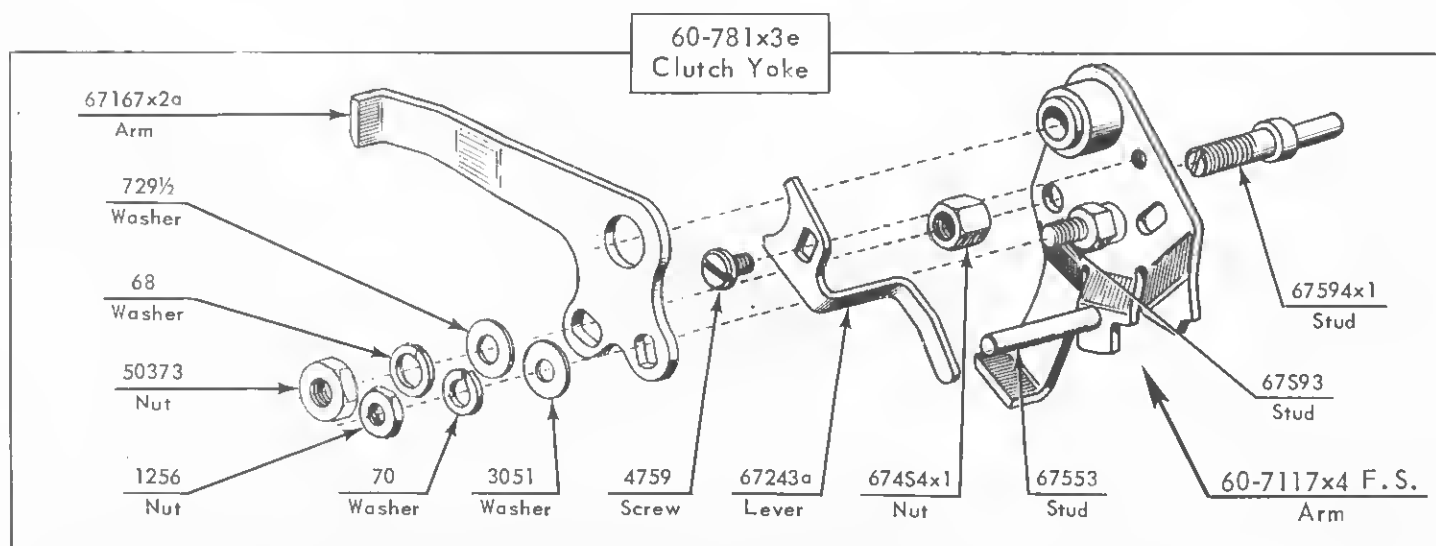
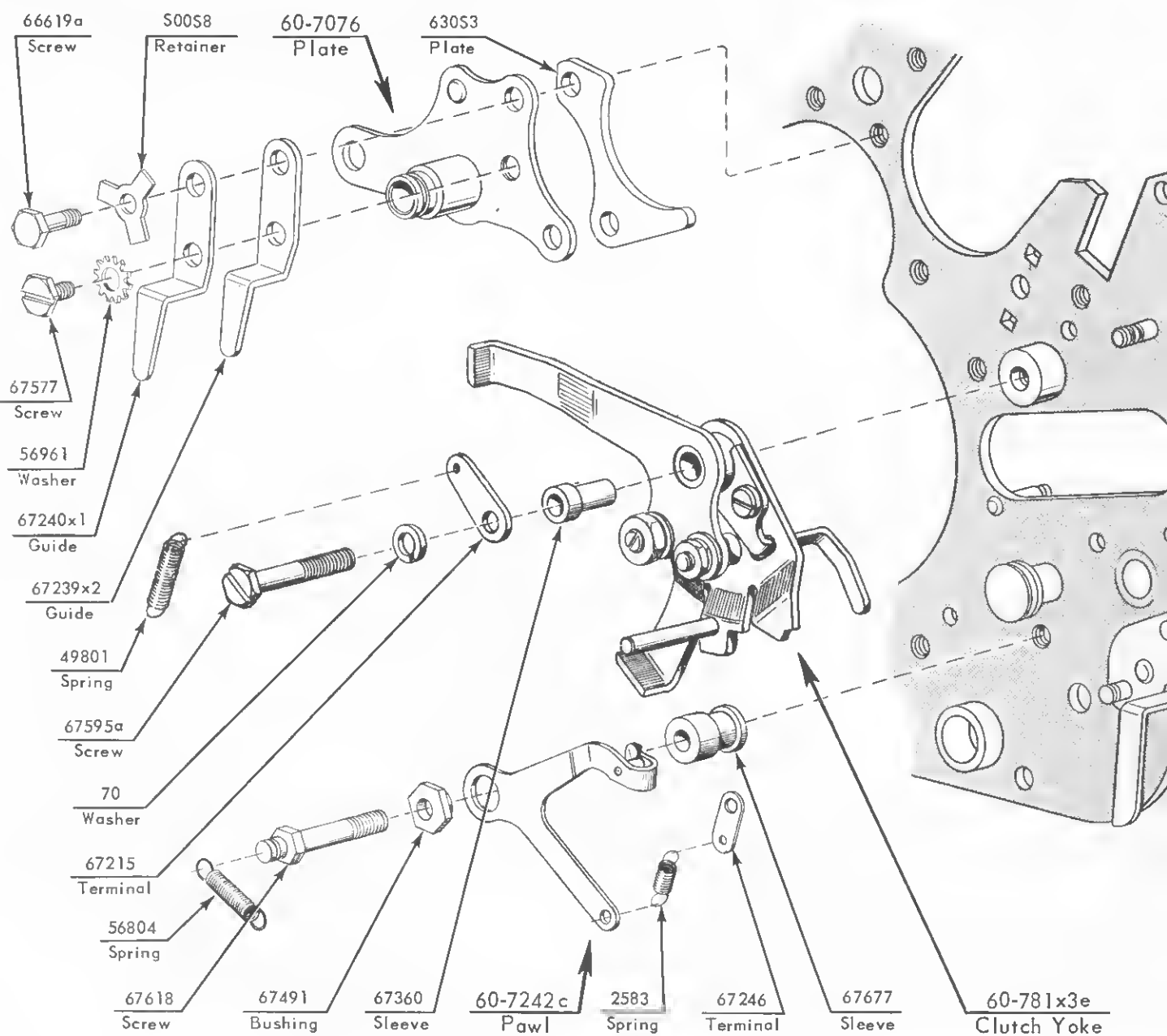


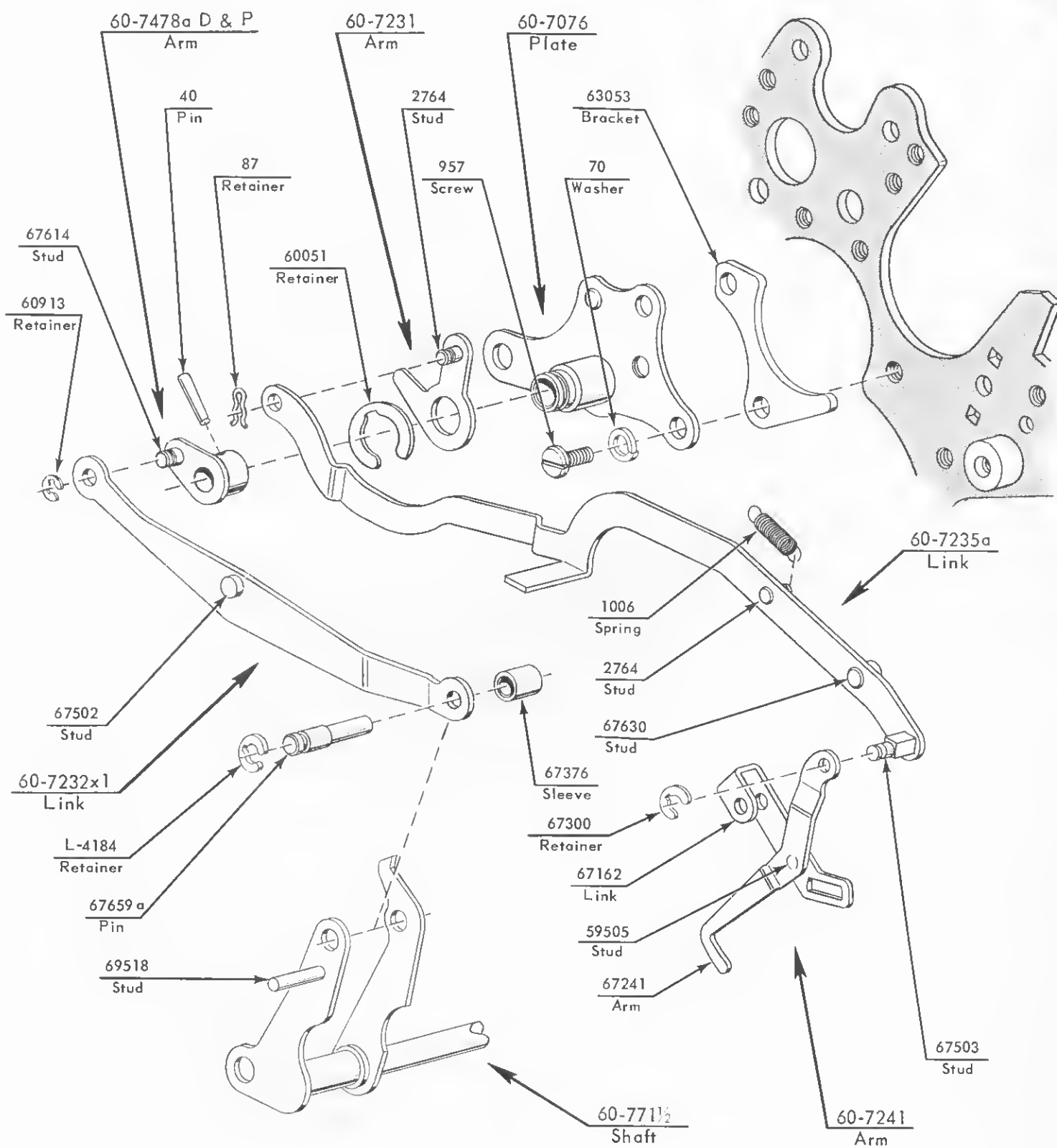


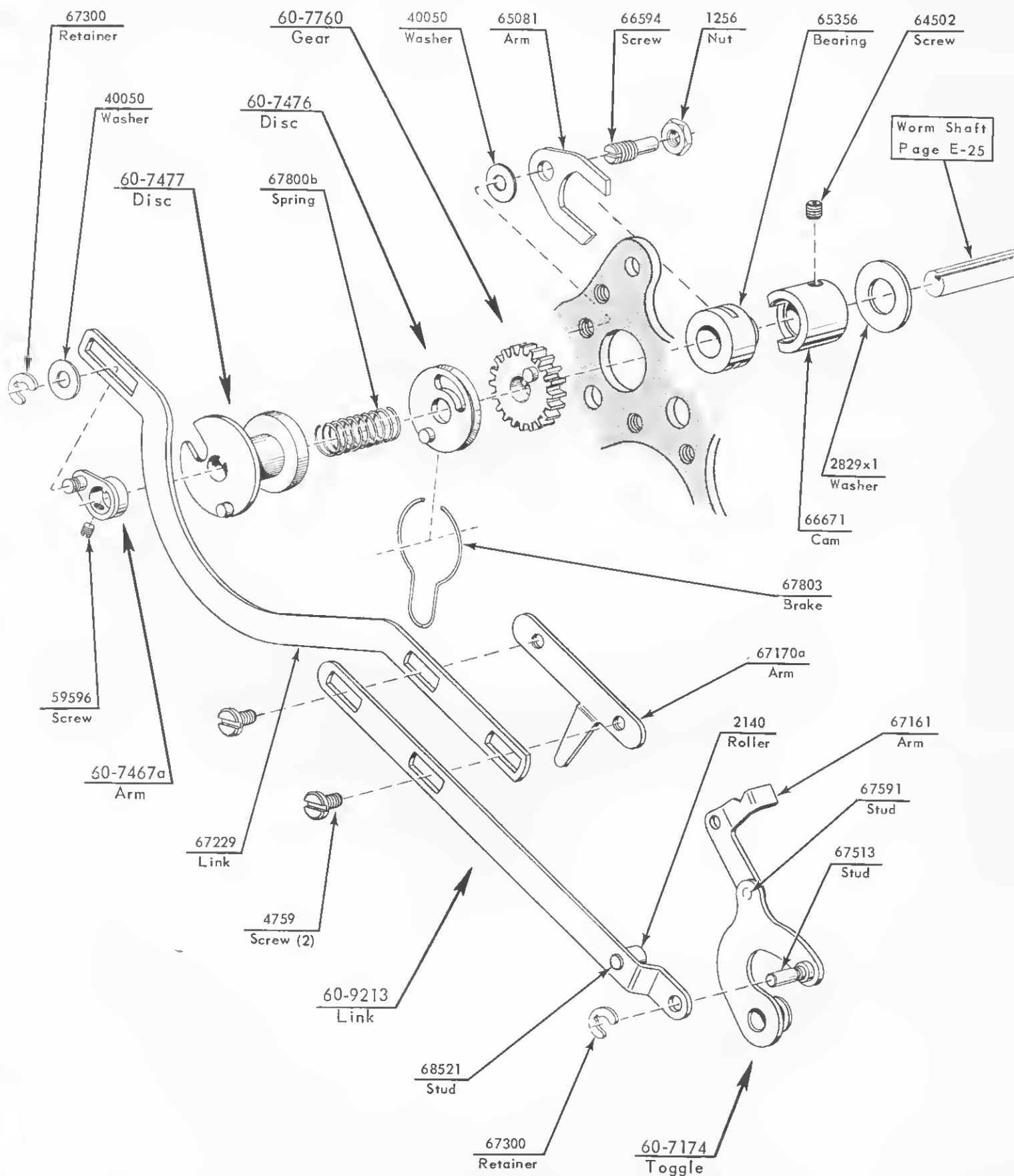
10 BANK TRIP LEVER MECHANISM

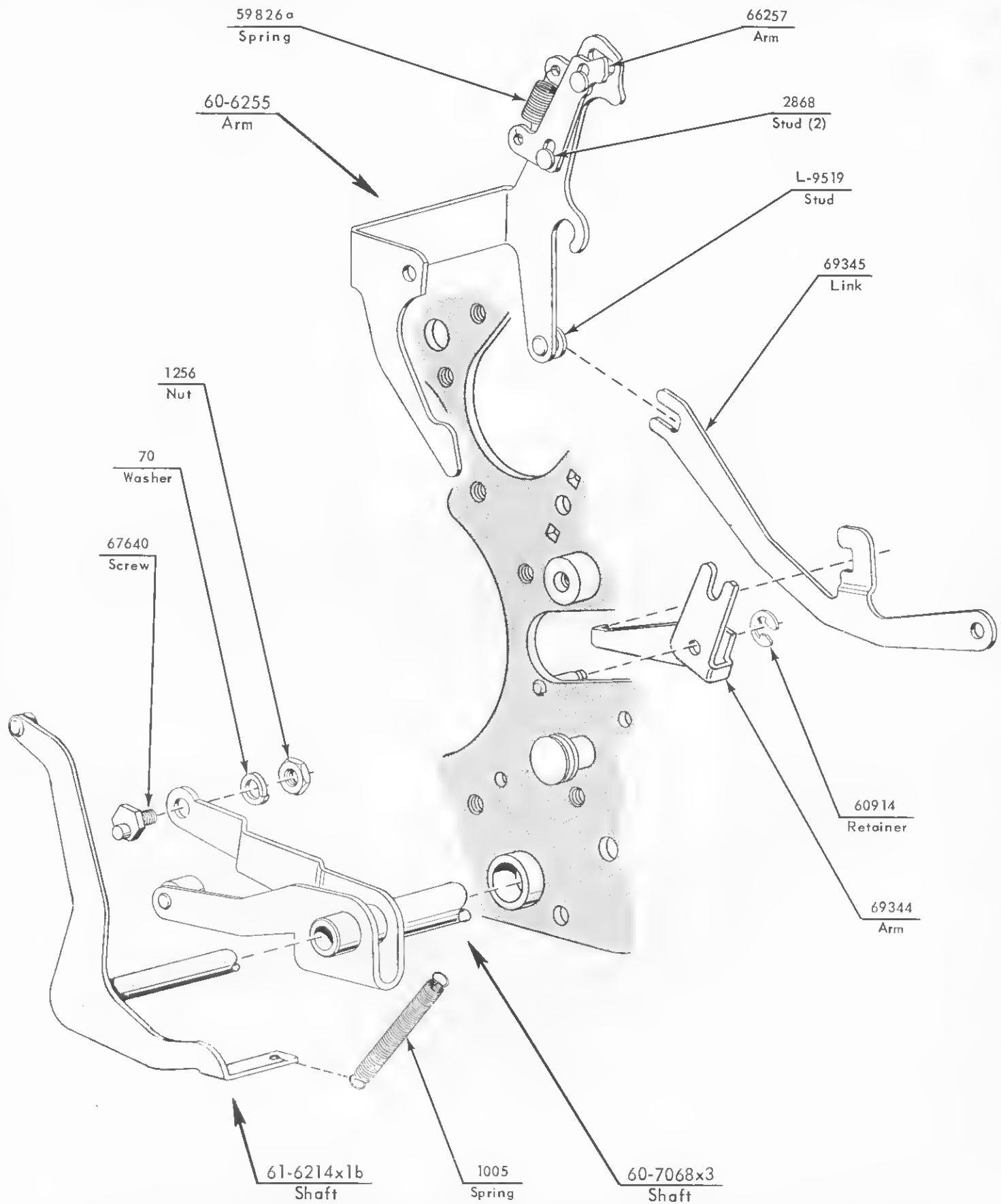


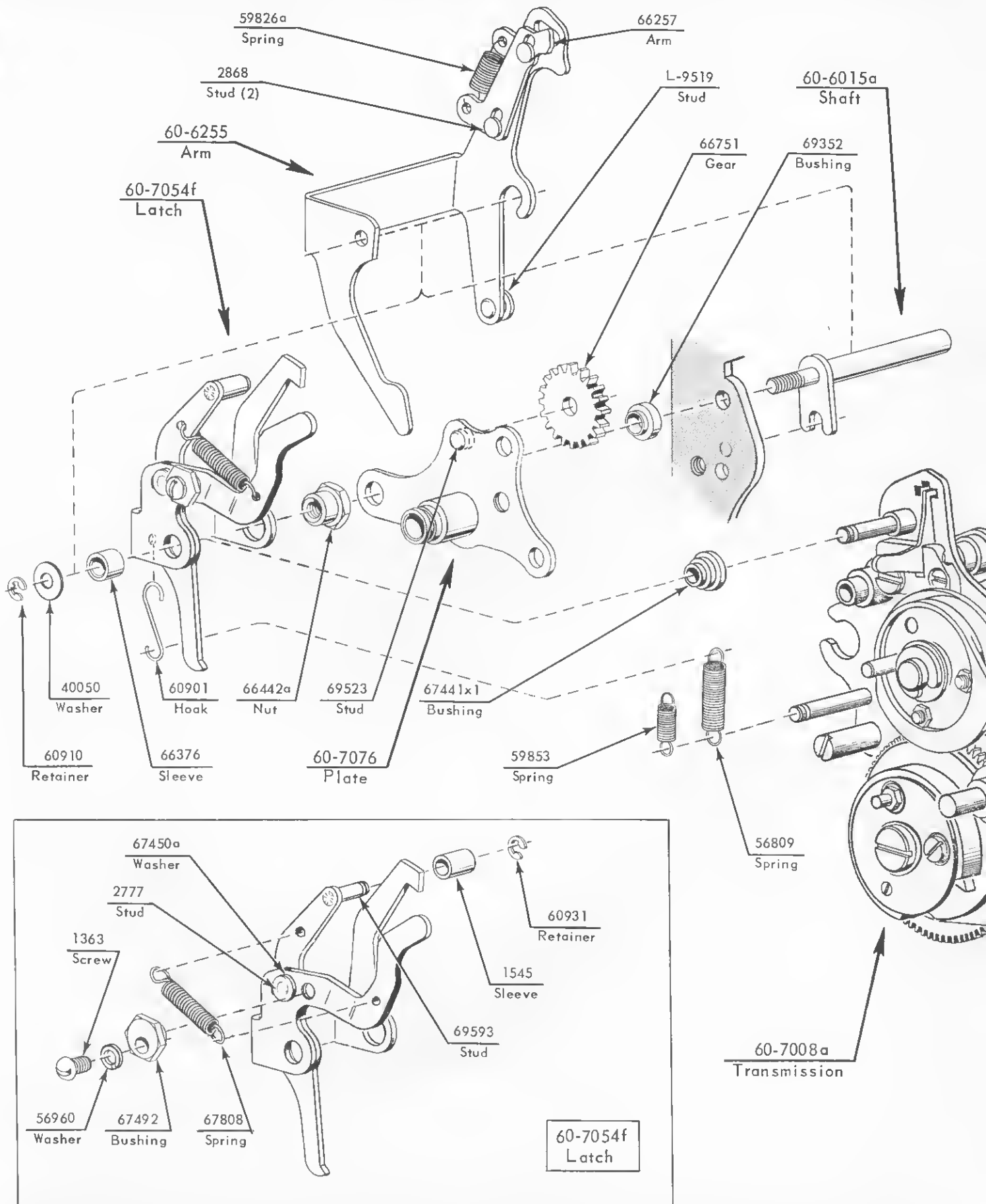


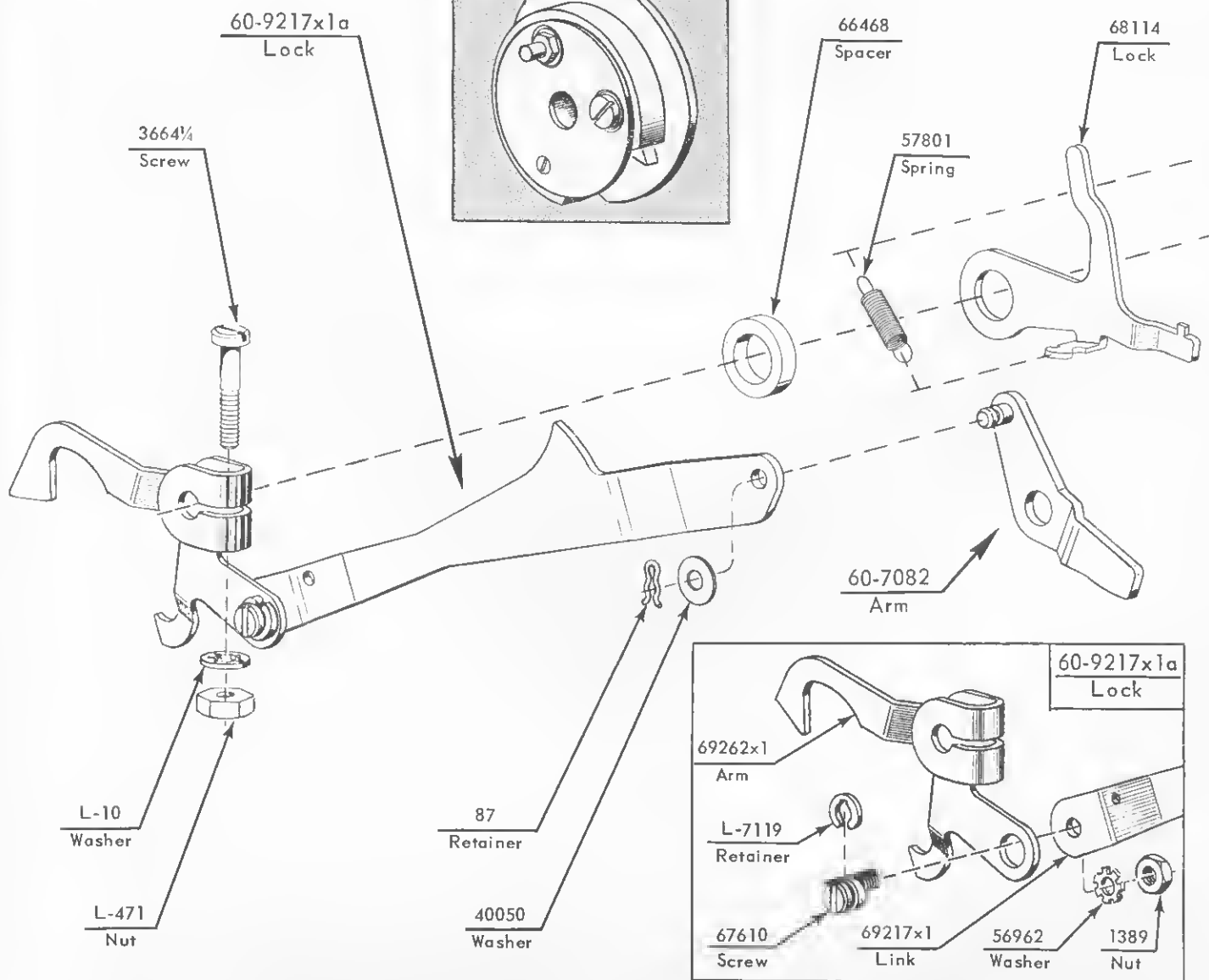
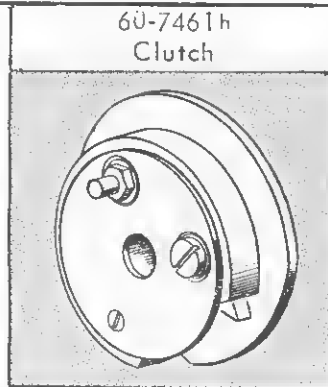
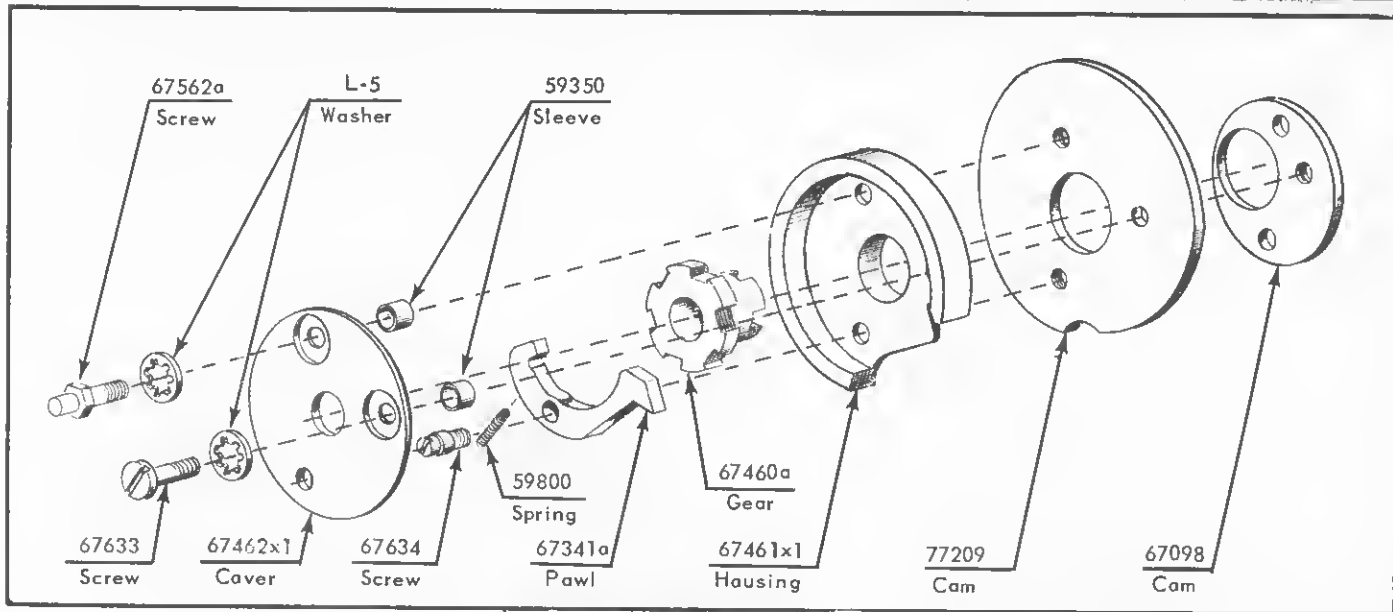


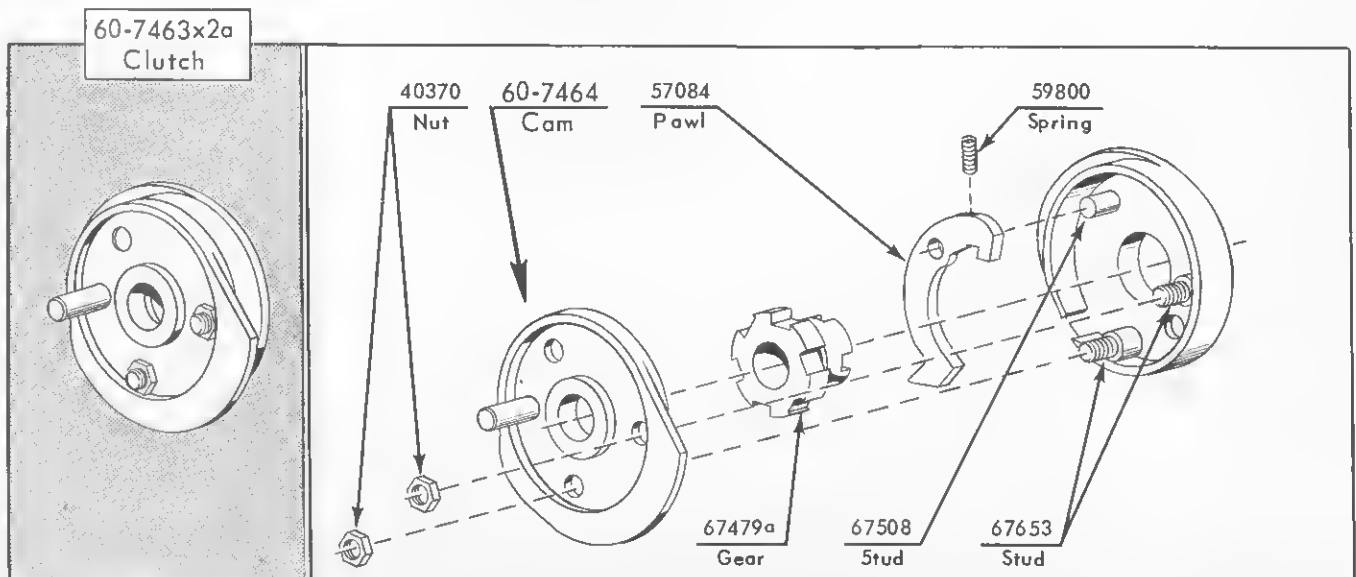
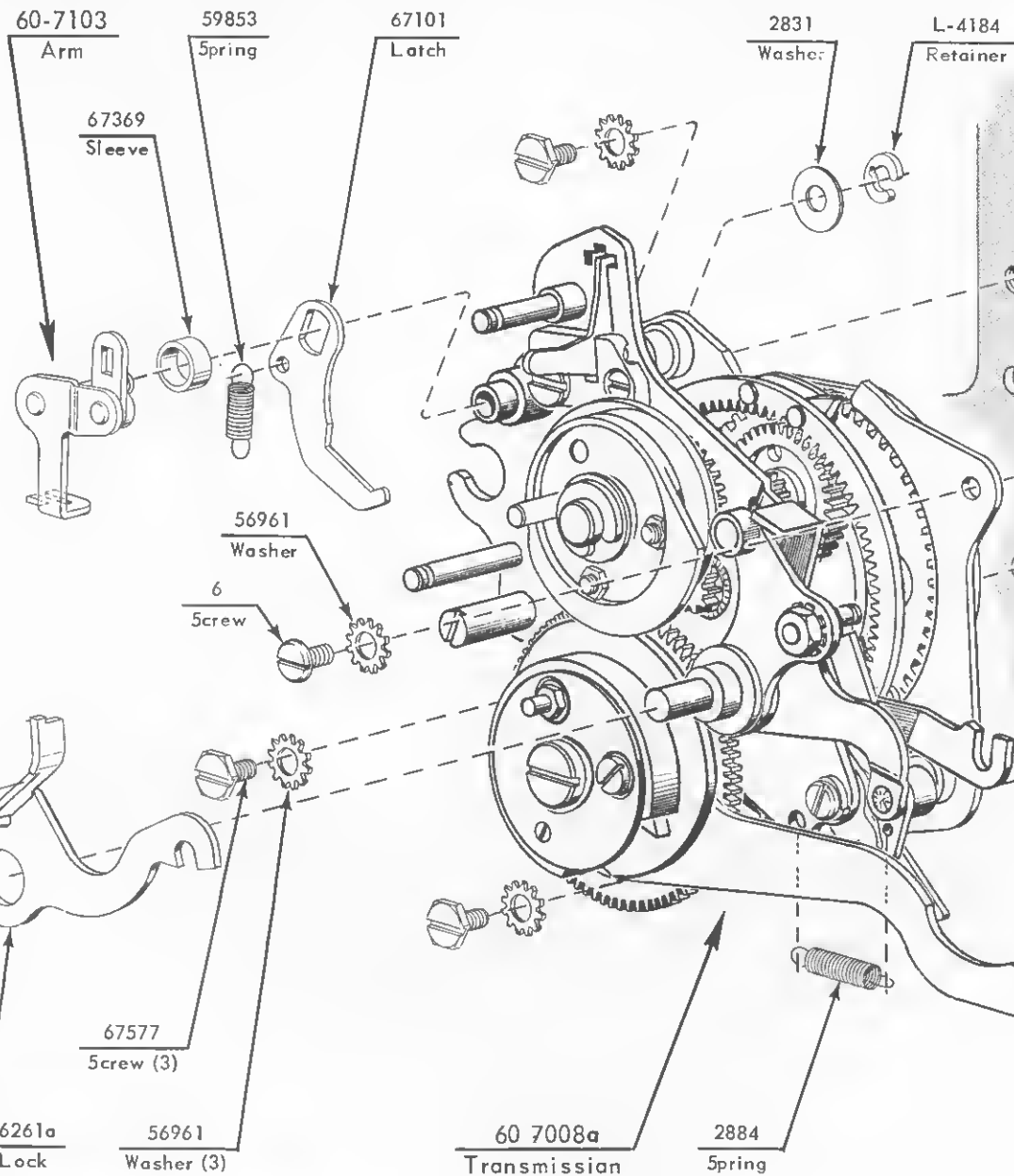




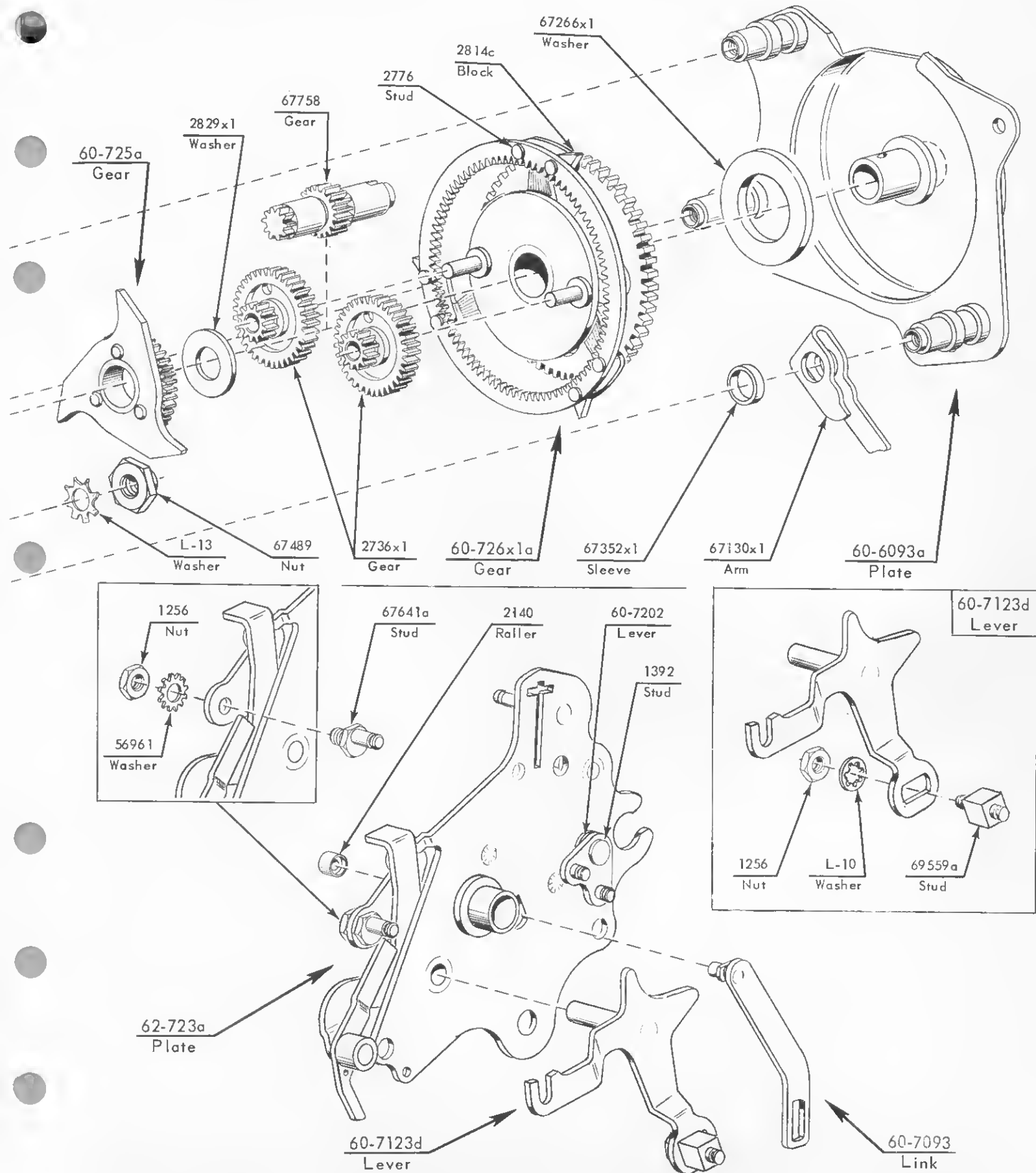


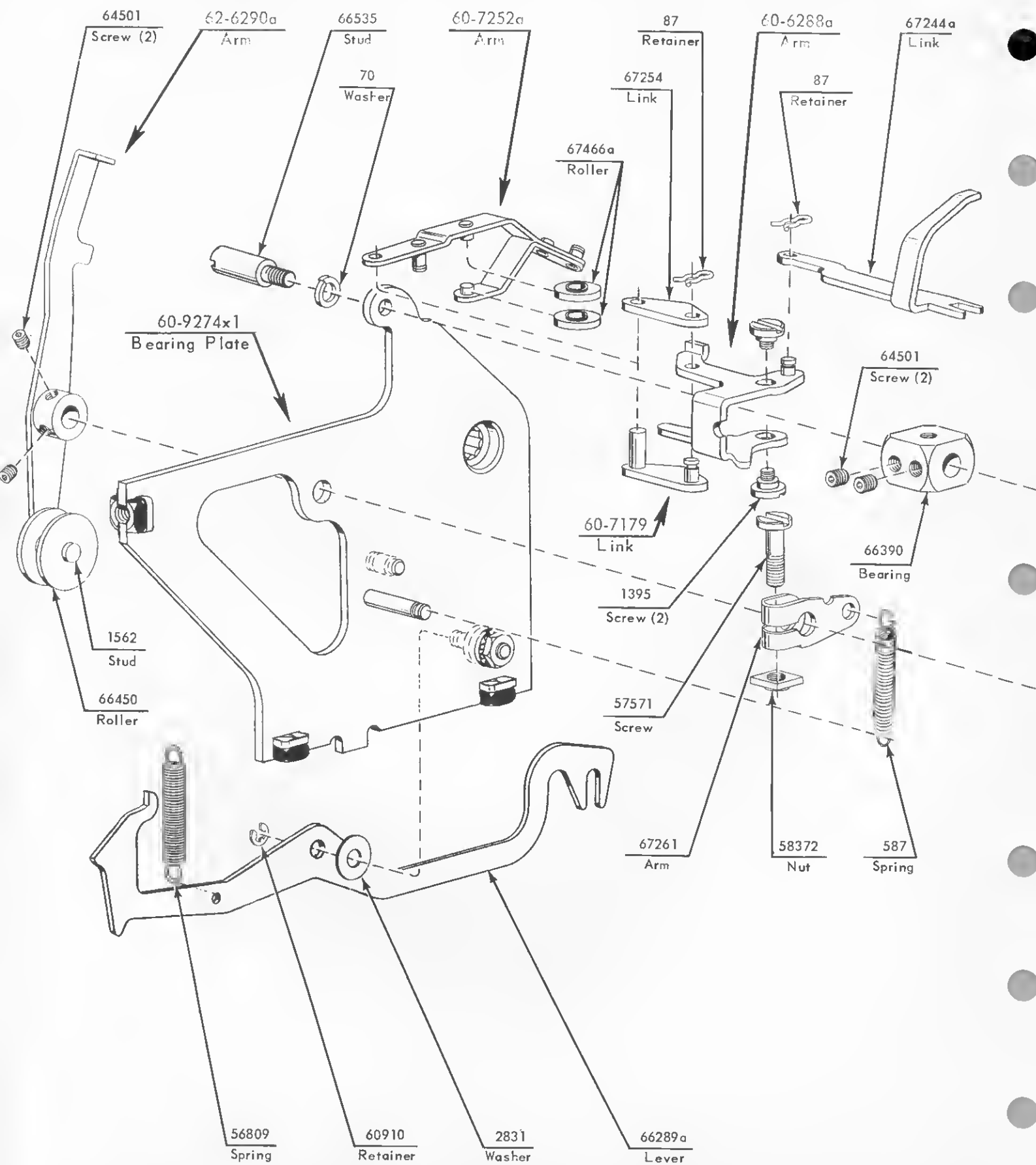


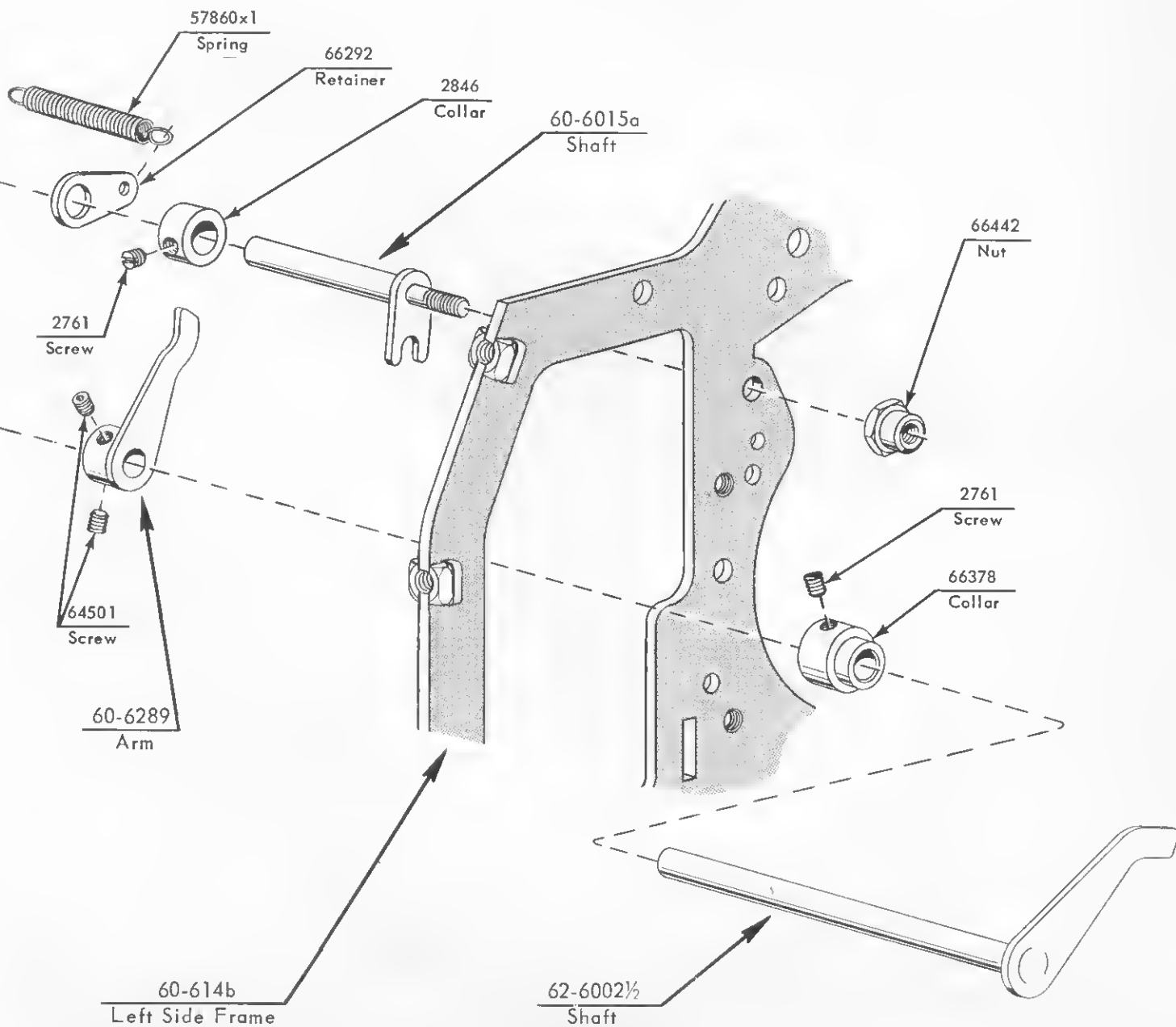
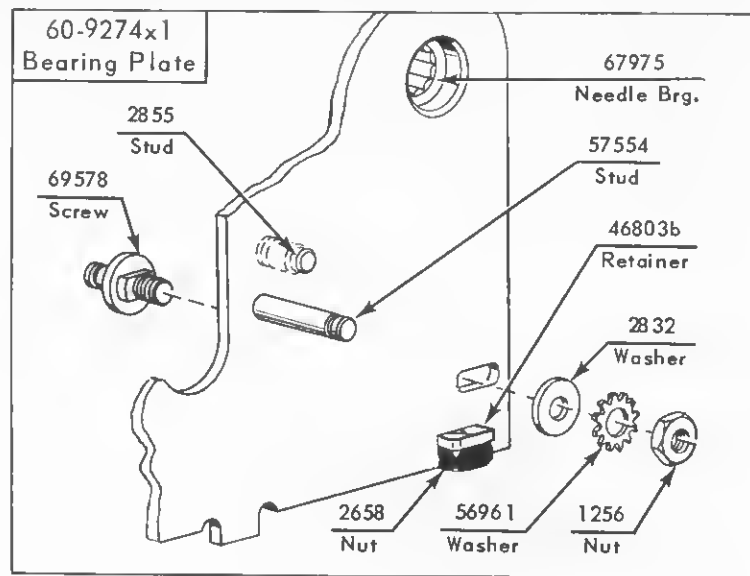


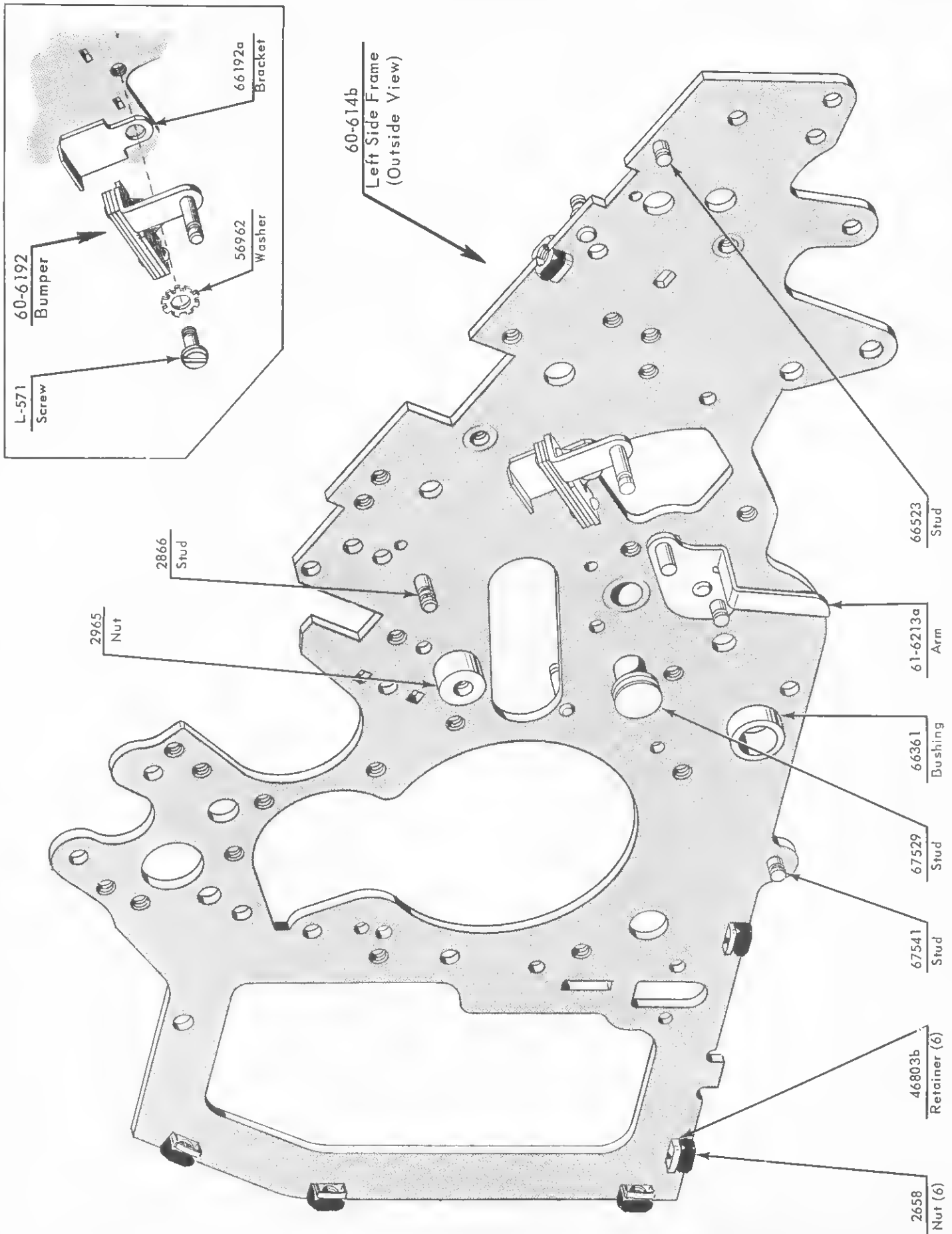


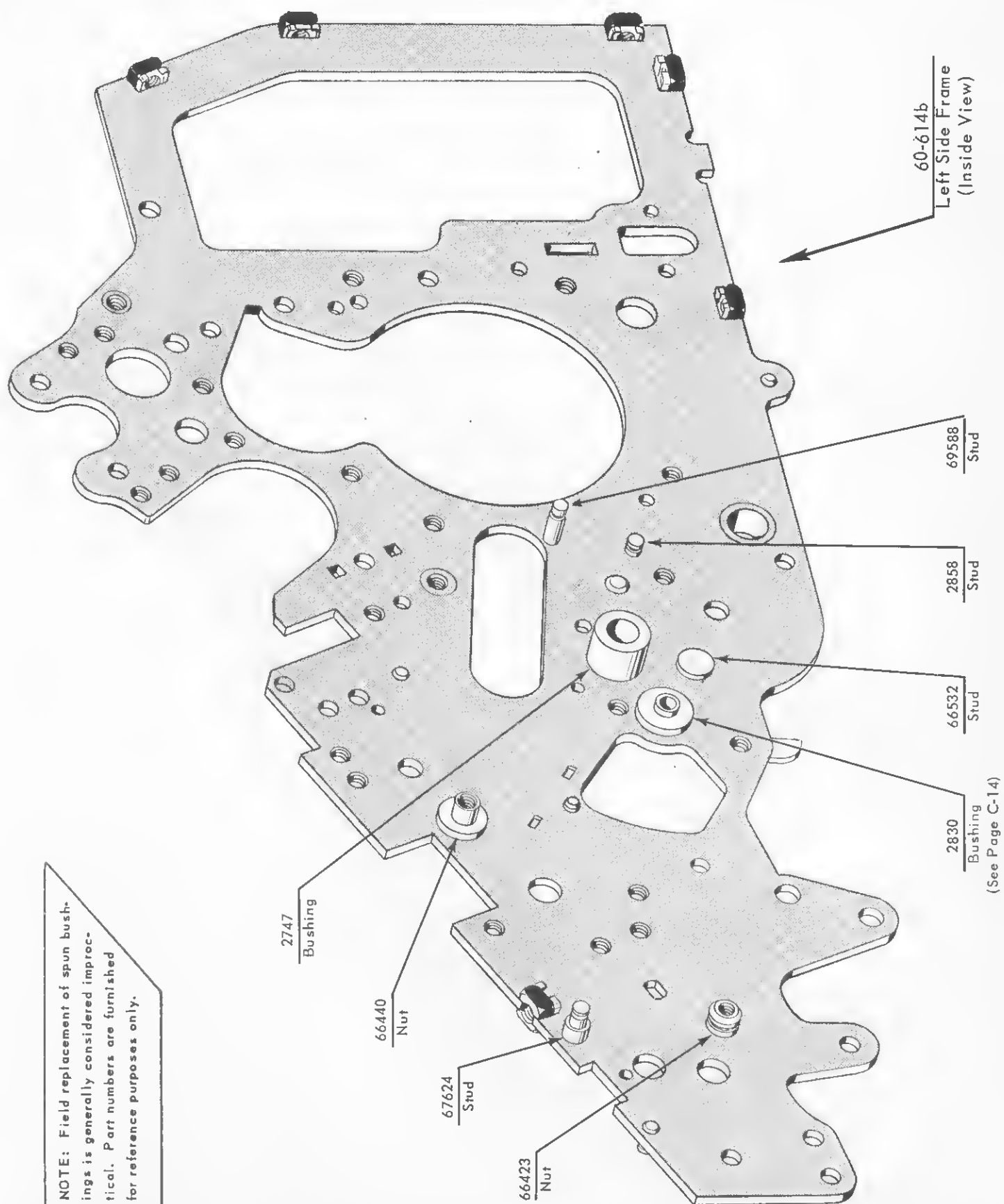


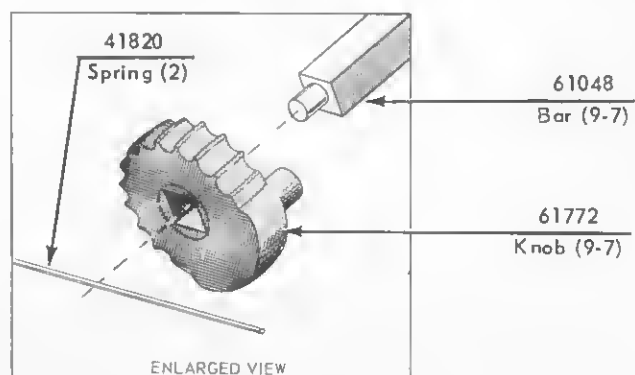
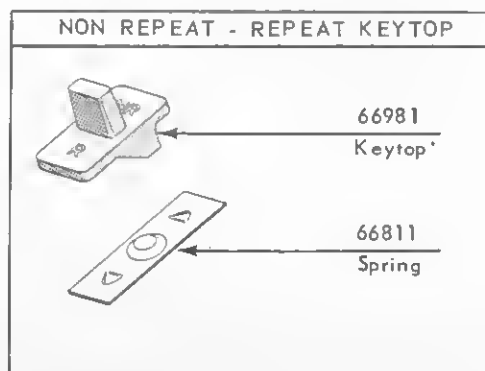
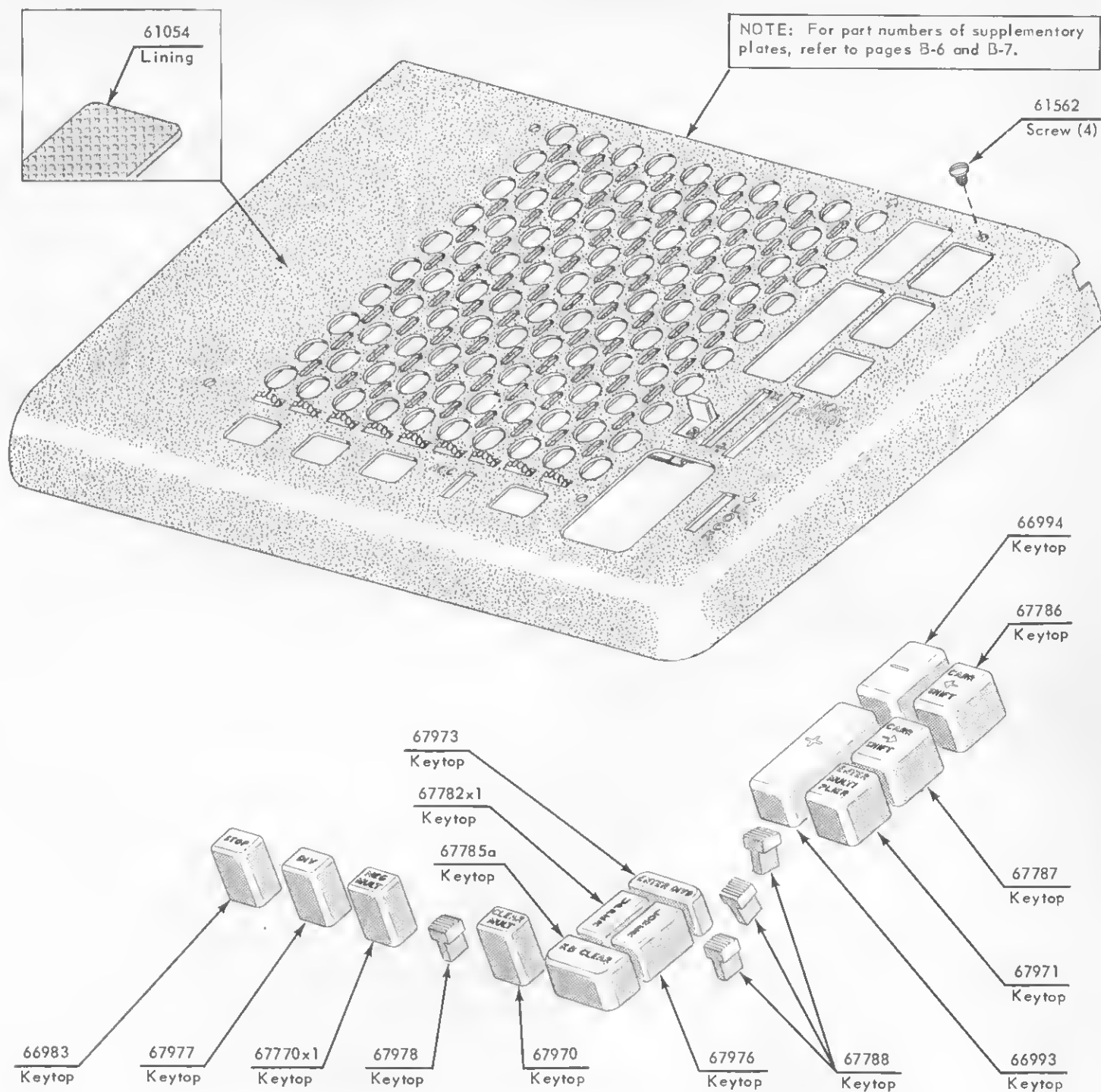


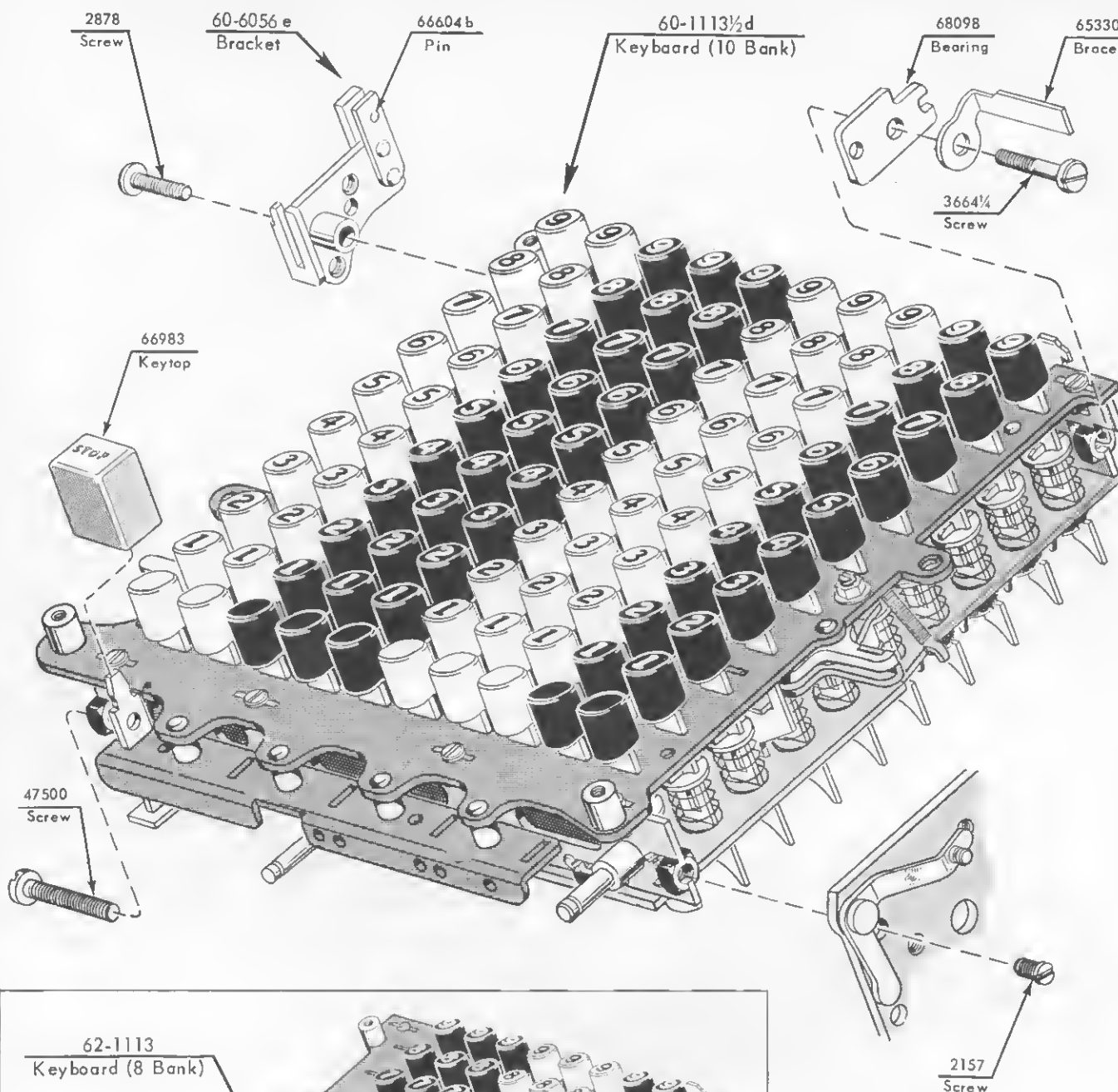




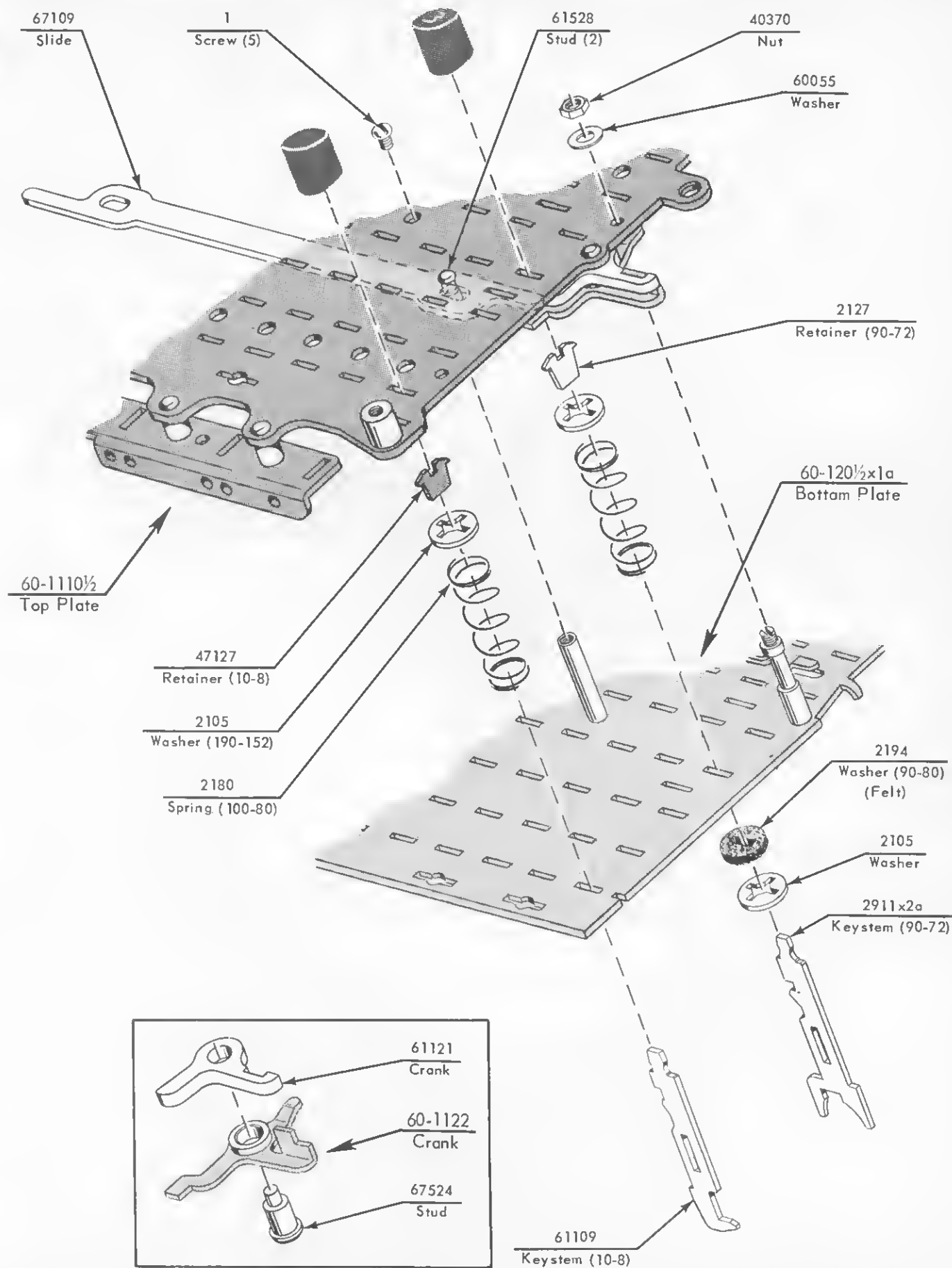


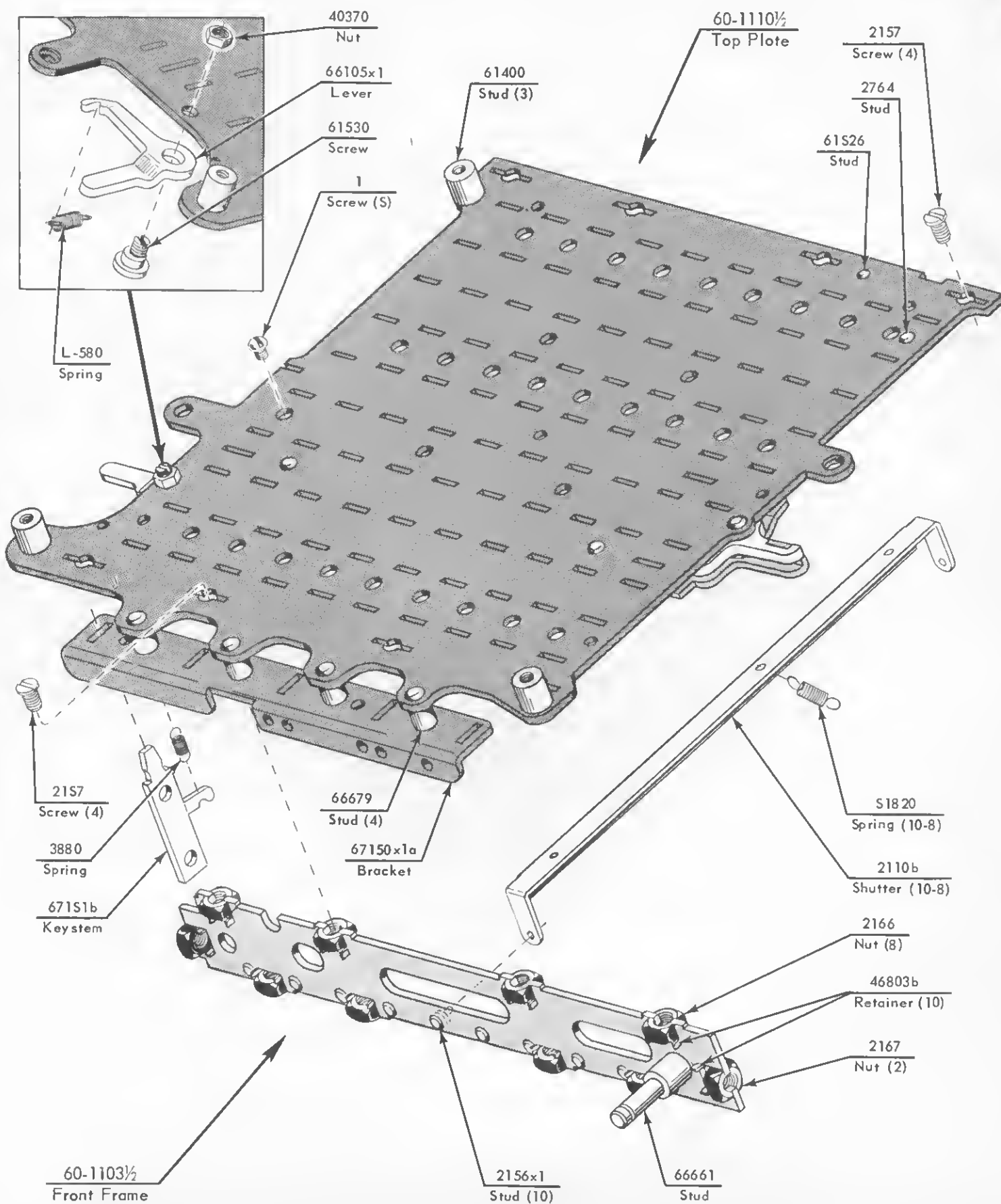


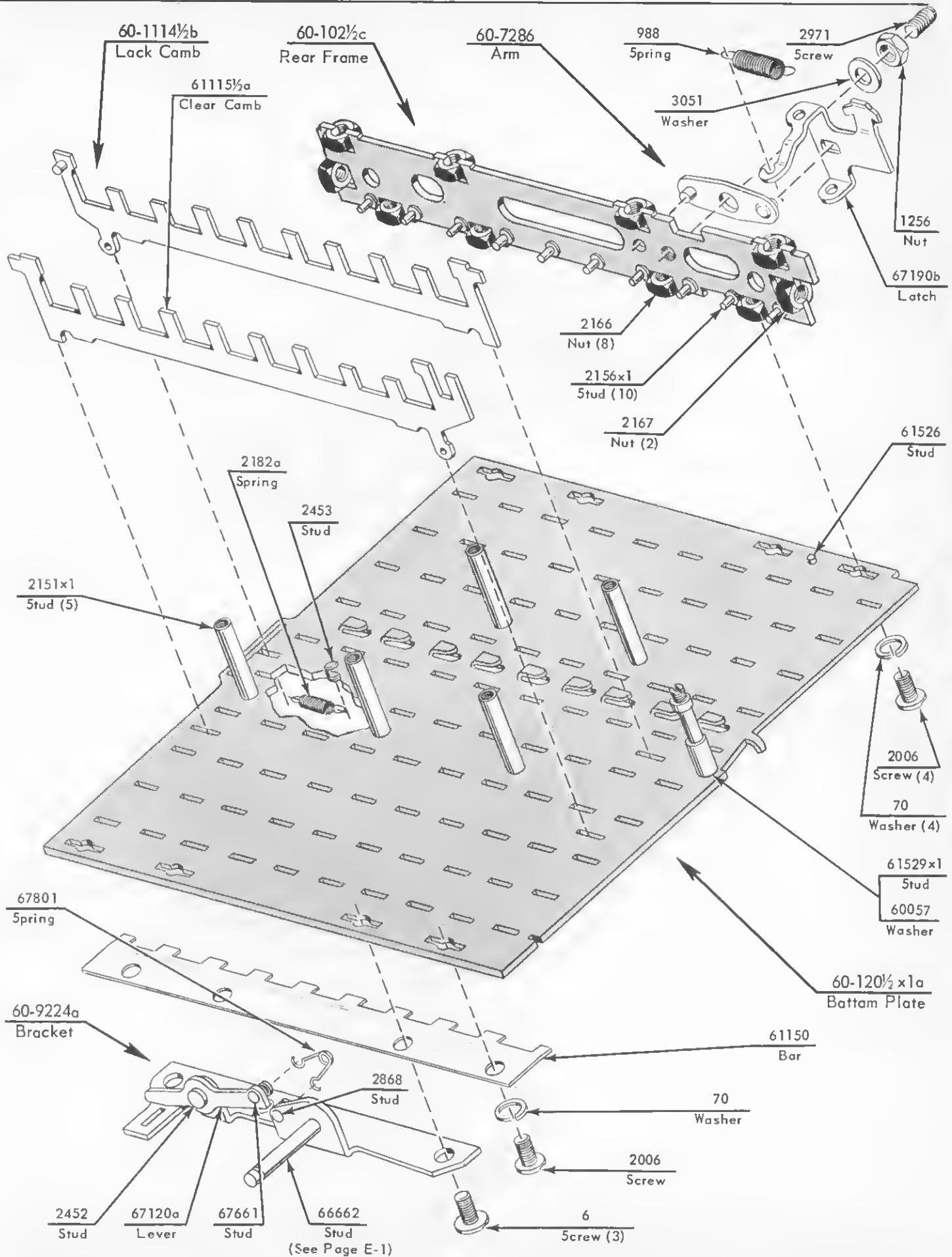


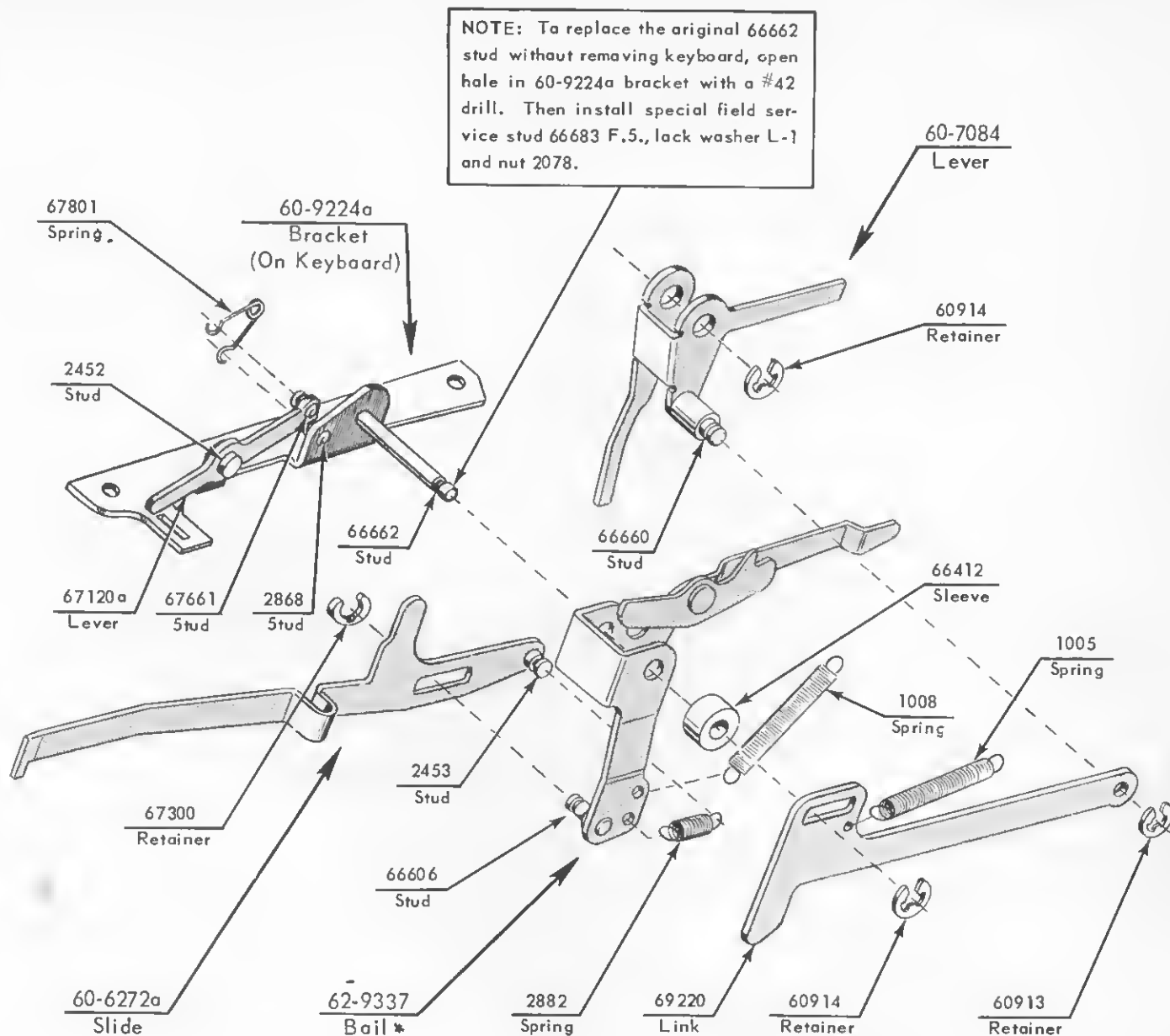


NUMERAL KEYTOPS			
Part No.	Description	Amount	
		10 Bk	8 Bk
61960	Med. Gray #0	5	5
61961	Med. Gray #1 to #8 *	40	40
61962	Med. Gray #9	5	5
61963	Pearl Gray #0	5	3
61964	Pearl Gray #1 to #8 *	40	27
61965	Pearl Gray #9	5	3

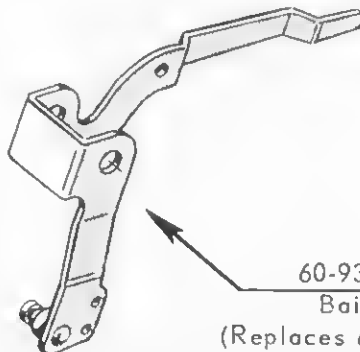






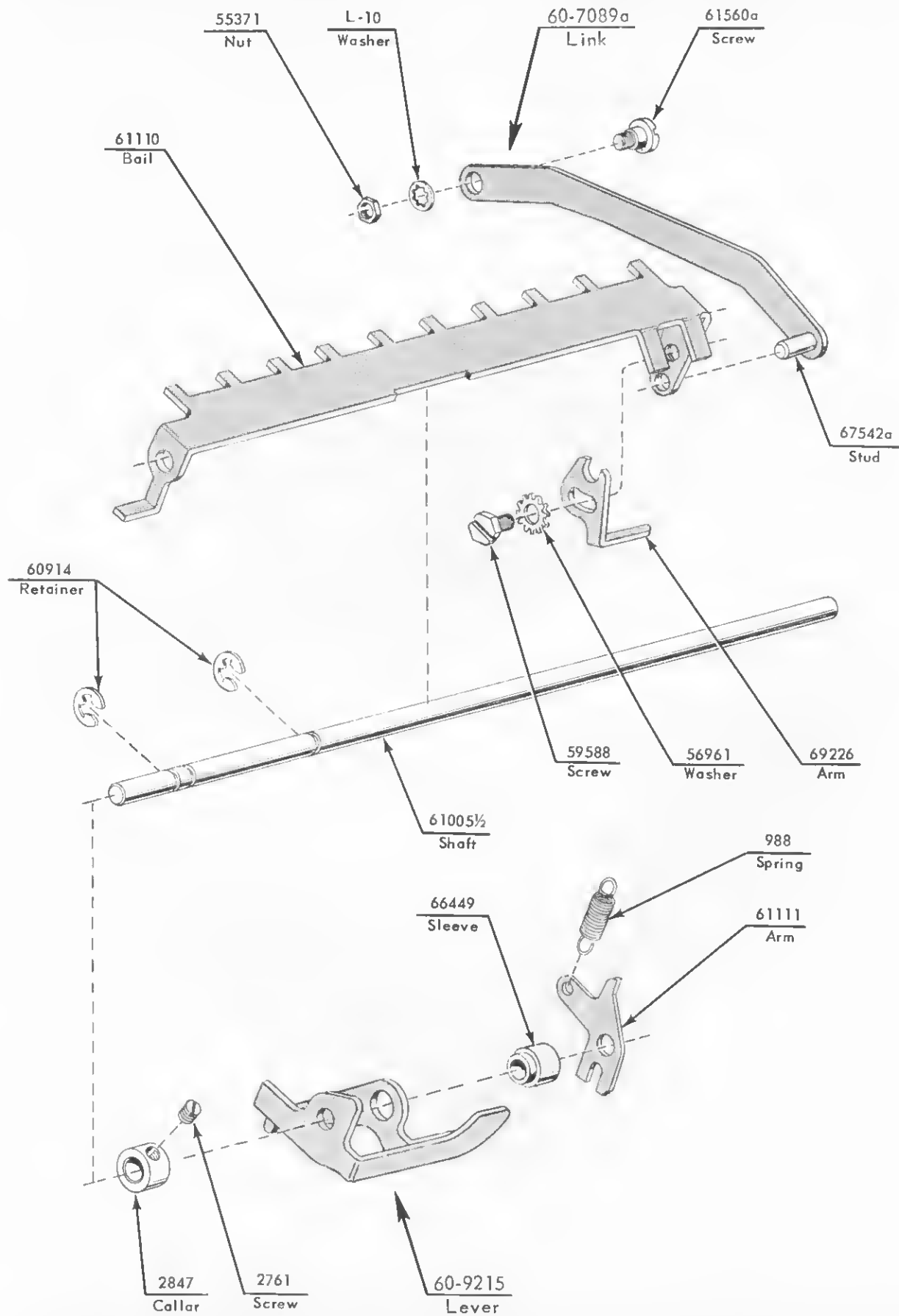


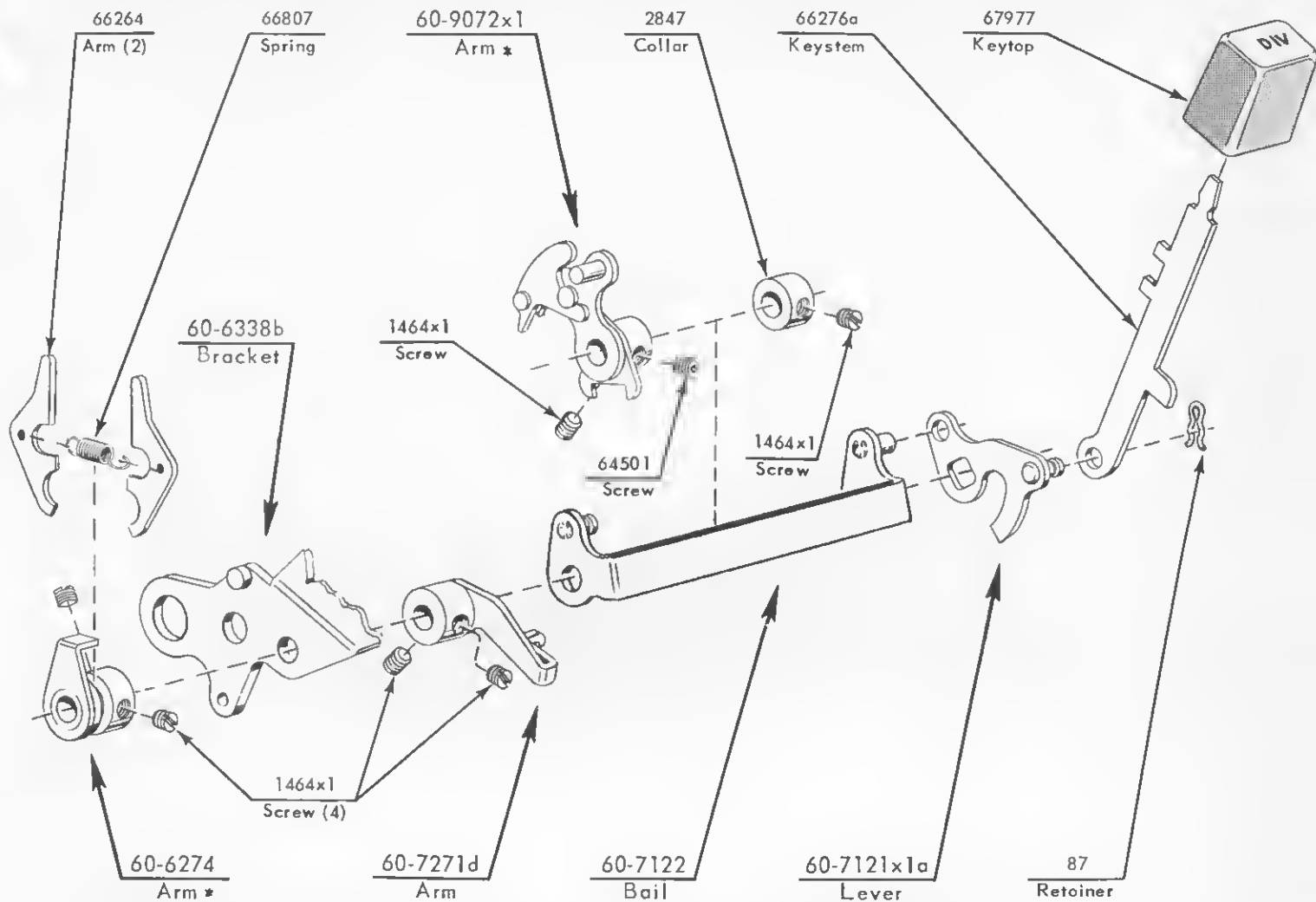
FOR MACHINES WITHOUT NEGATIVE MULT.



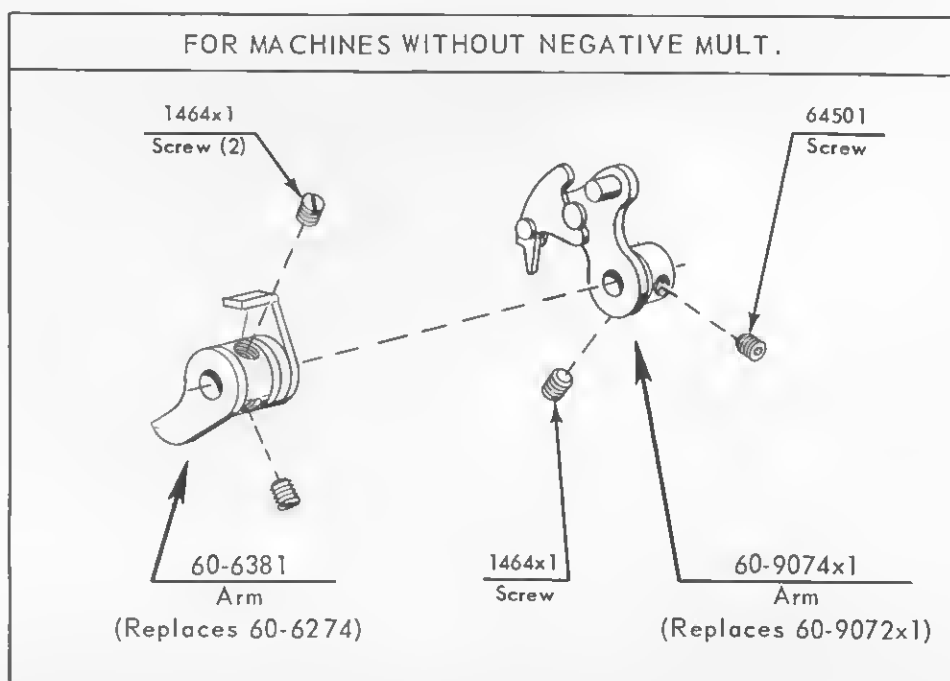
60-9337
Bail
(Replaces 62-9337)

* FOR NEGATIVE MULT. MACHINES ONLY

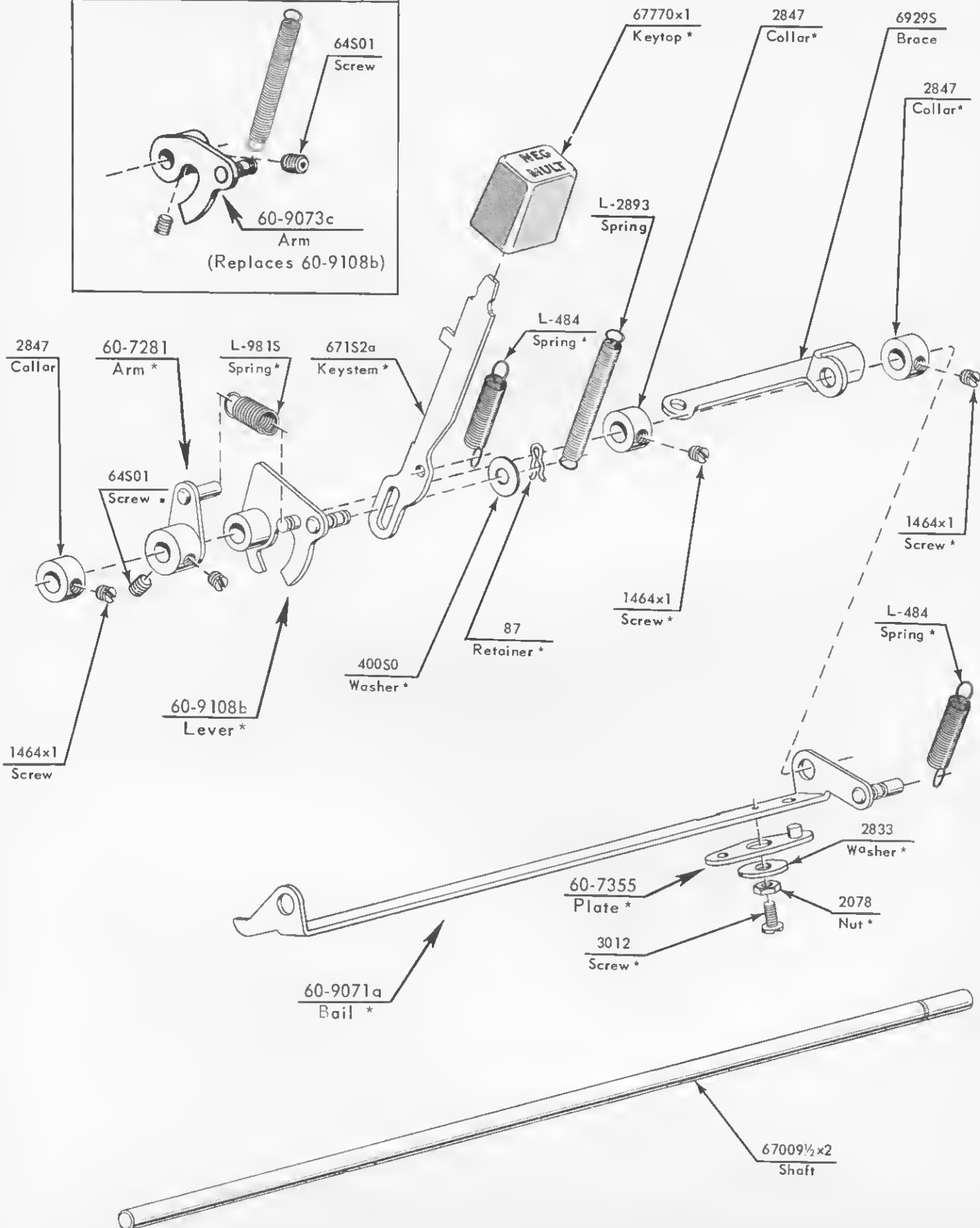
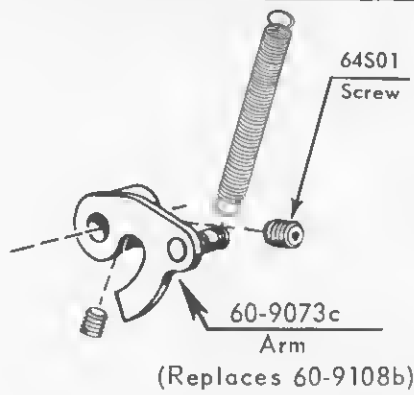




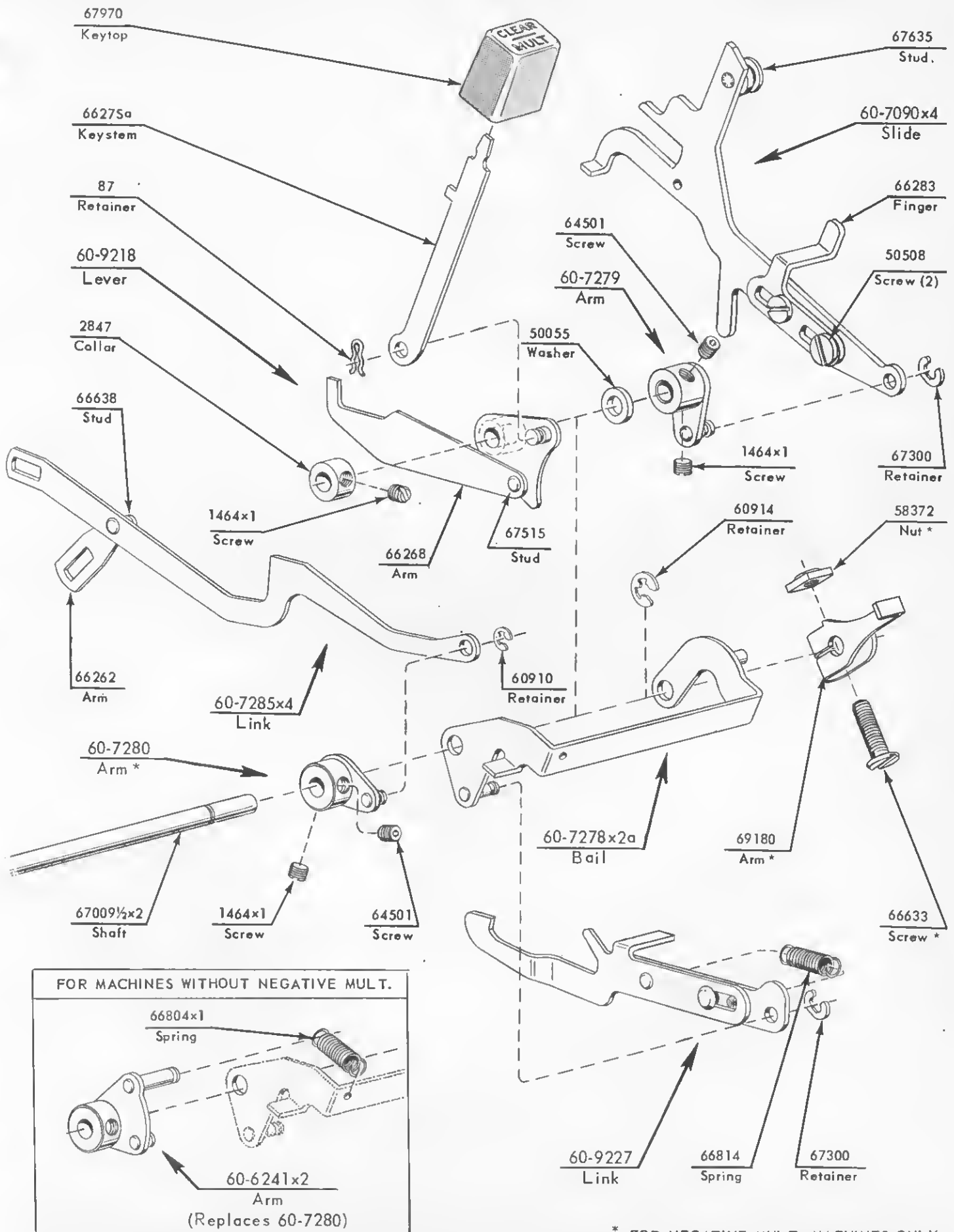
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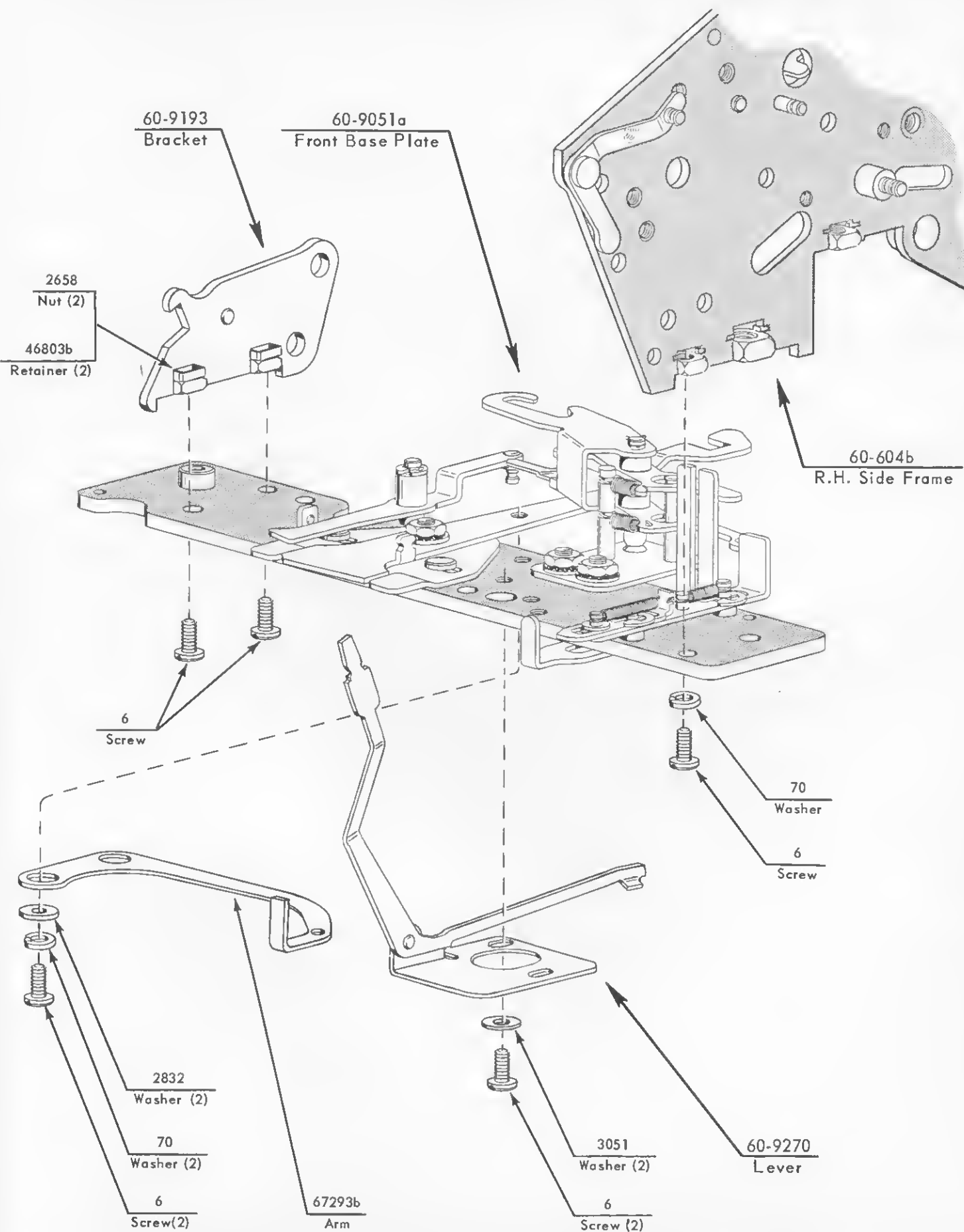


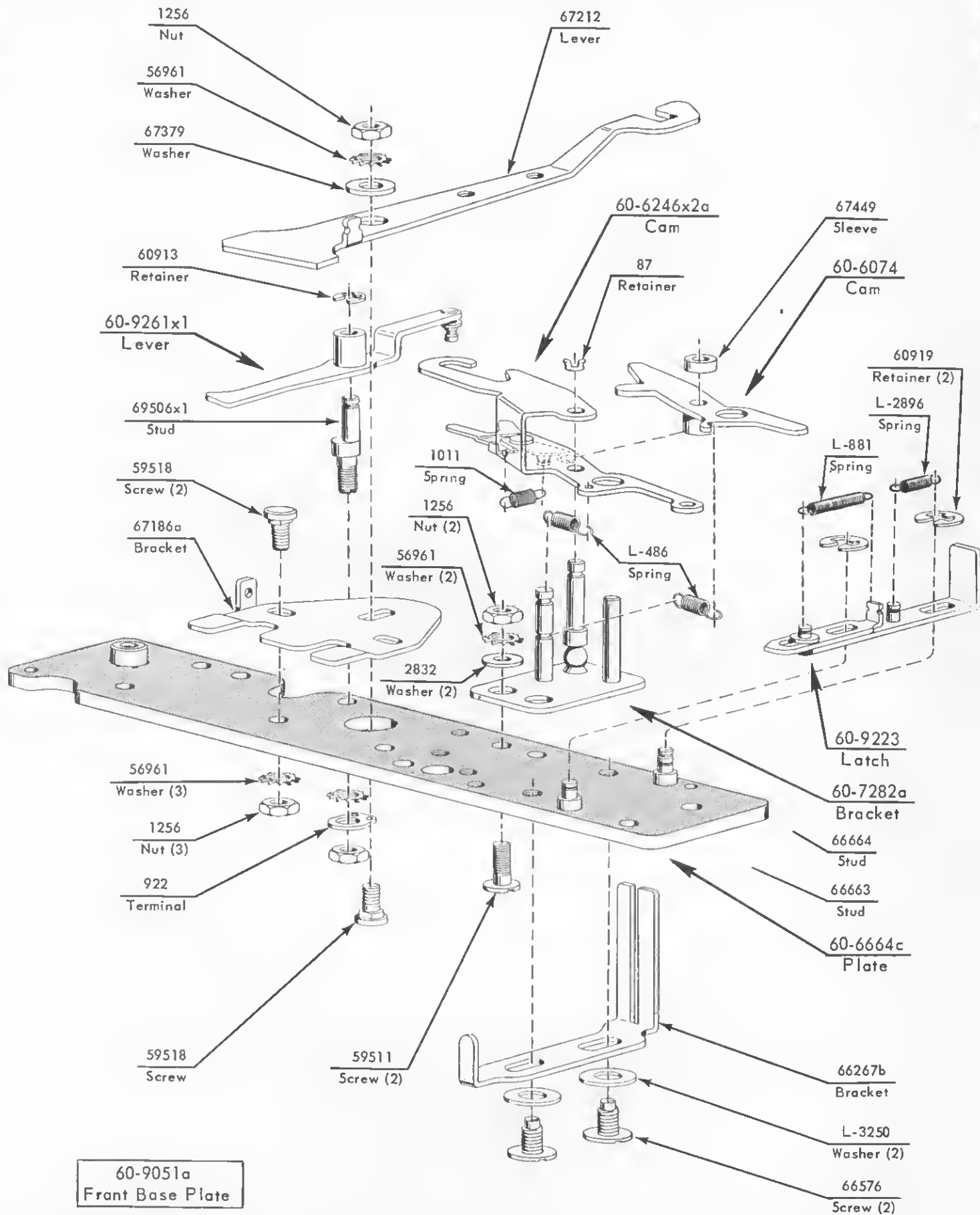
FOR MACHINES WITHOUT
NEGATIVE MULT.

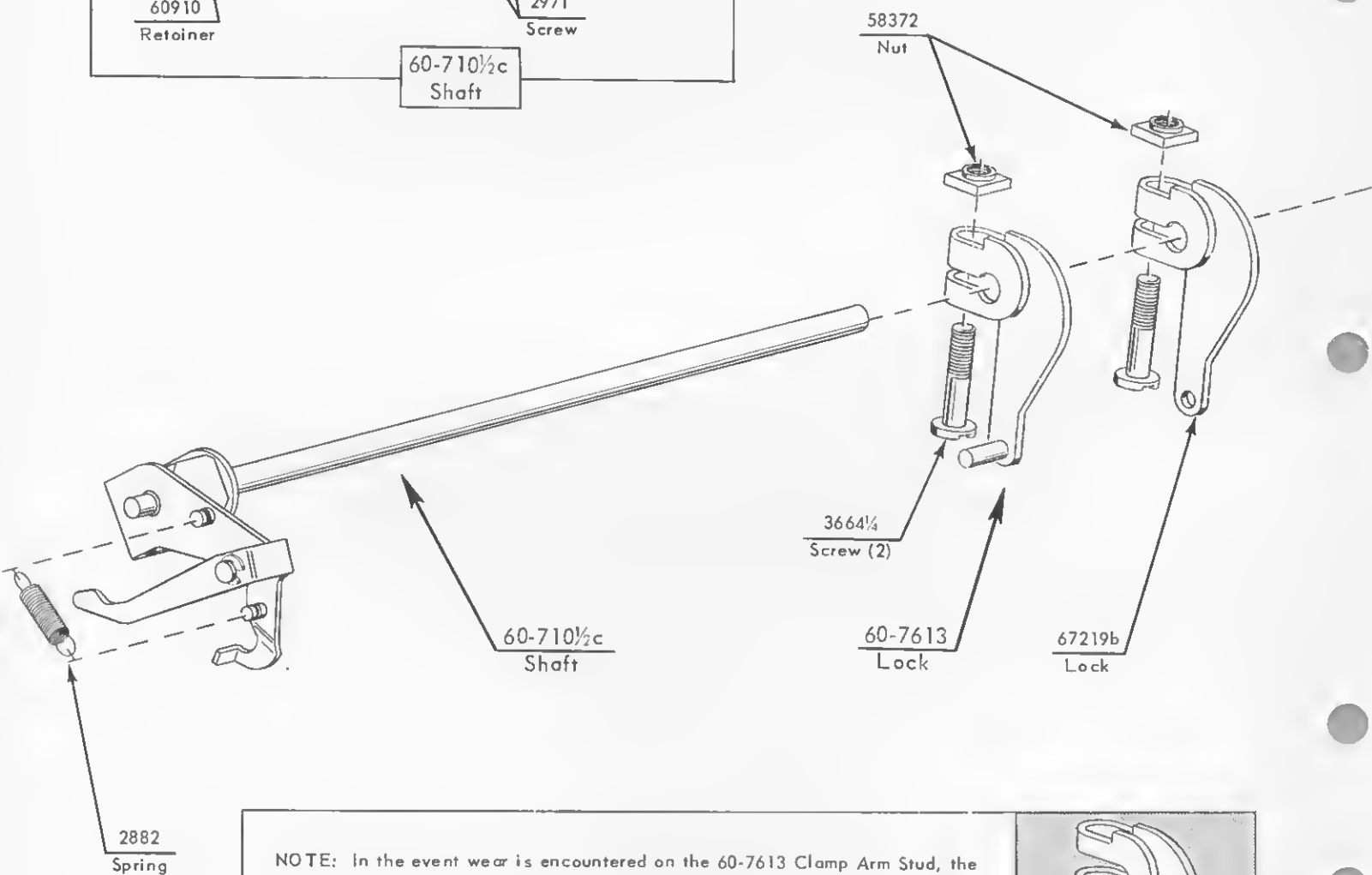
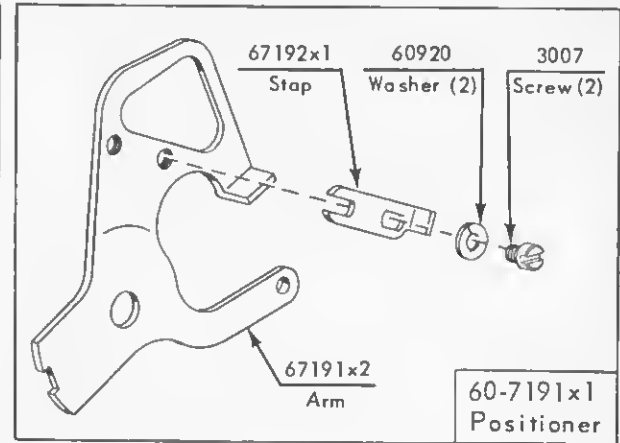
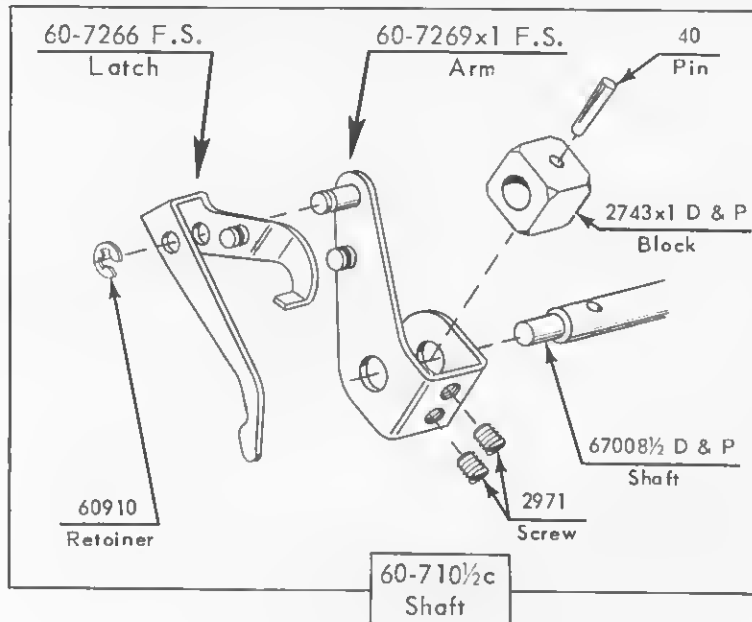


* FOR NEGATIVE MULT. MACHINES ONLY



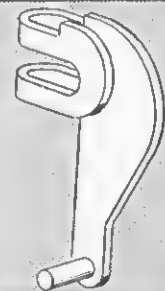




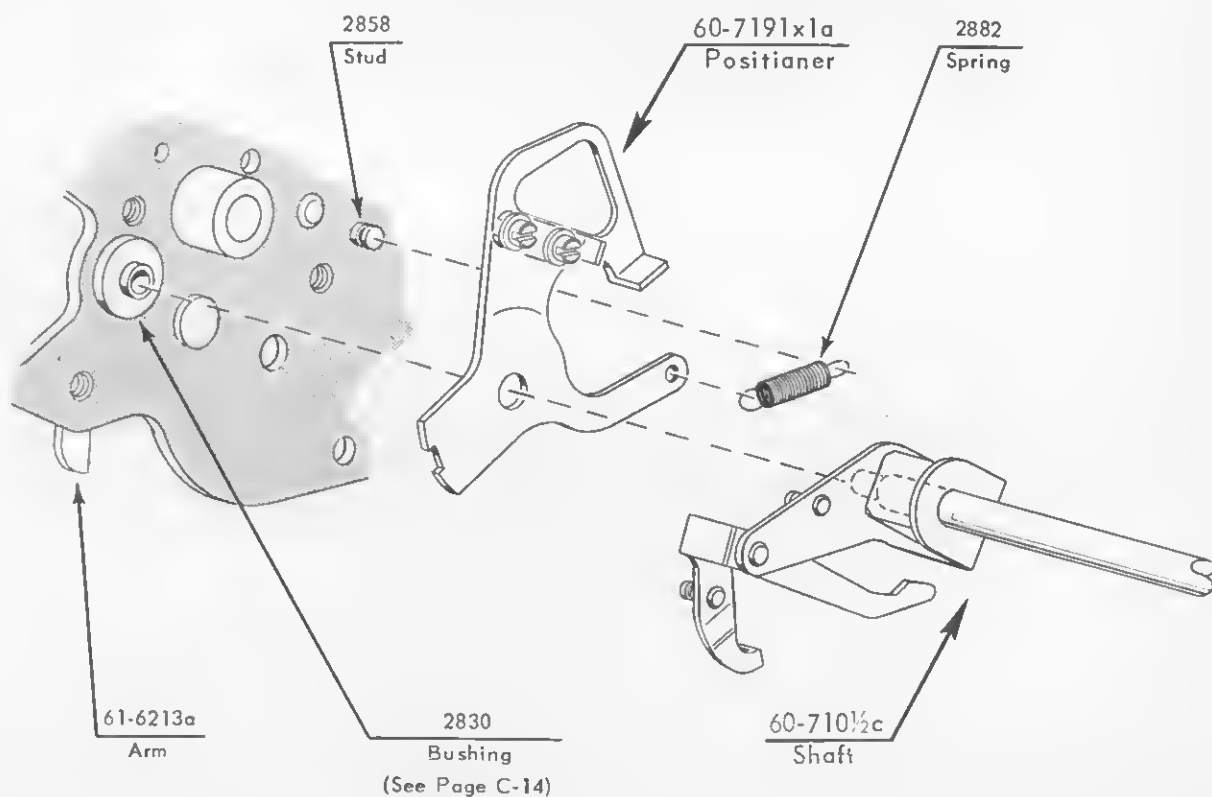
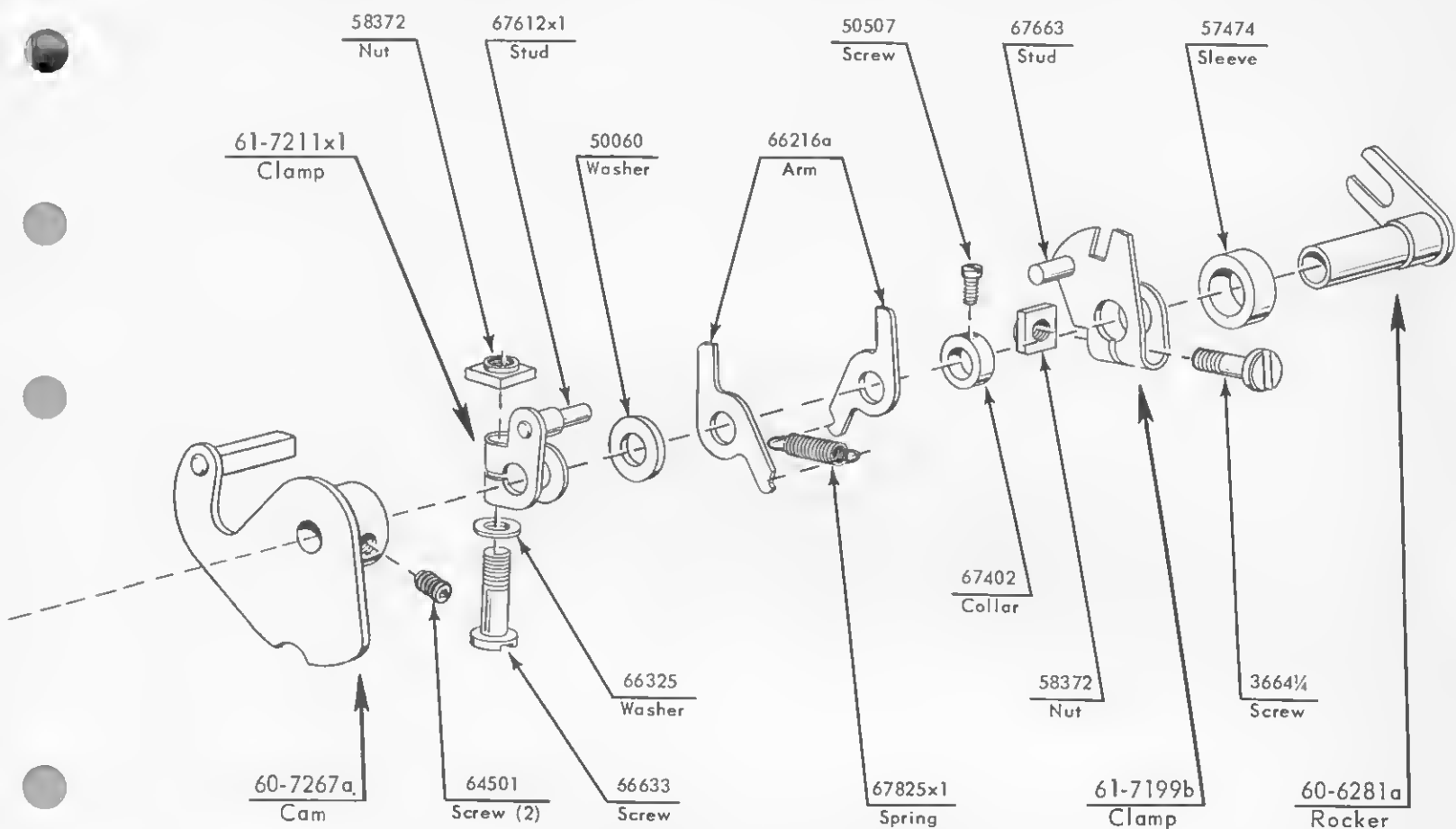


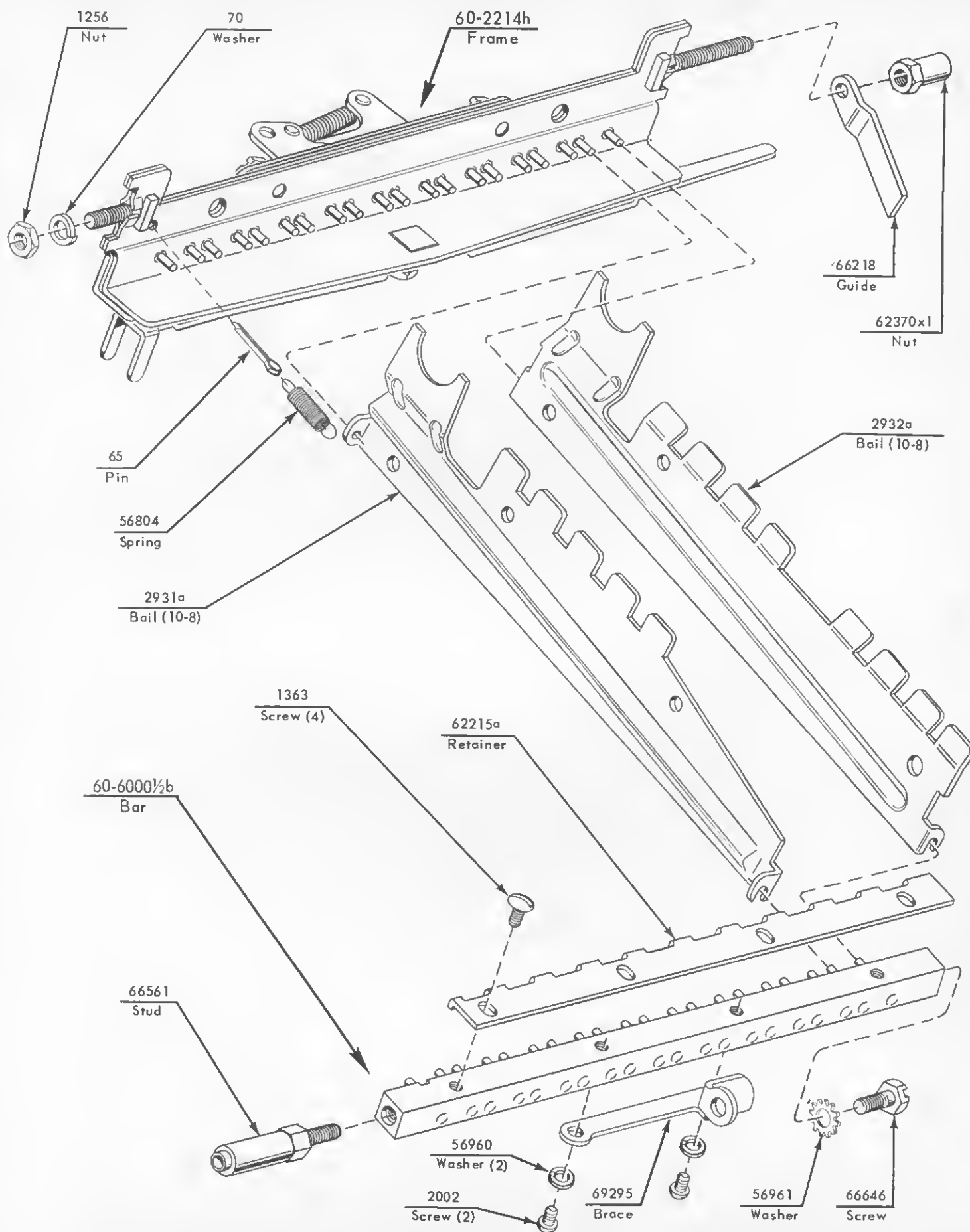
NOTE: In the event wear is encountered on the 60-7613 Clamp Arm Stud, the entire Clamp Arm may be secured in another location on the Shaft, (so it doesn't interfere with anything), and a special 60-7613 F.S. Clamp Arm installed as a replacement.

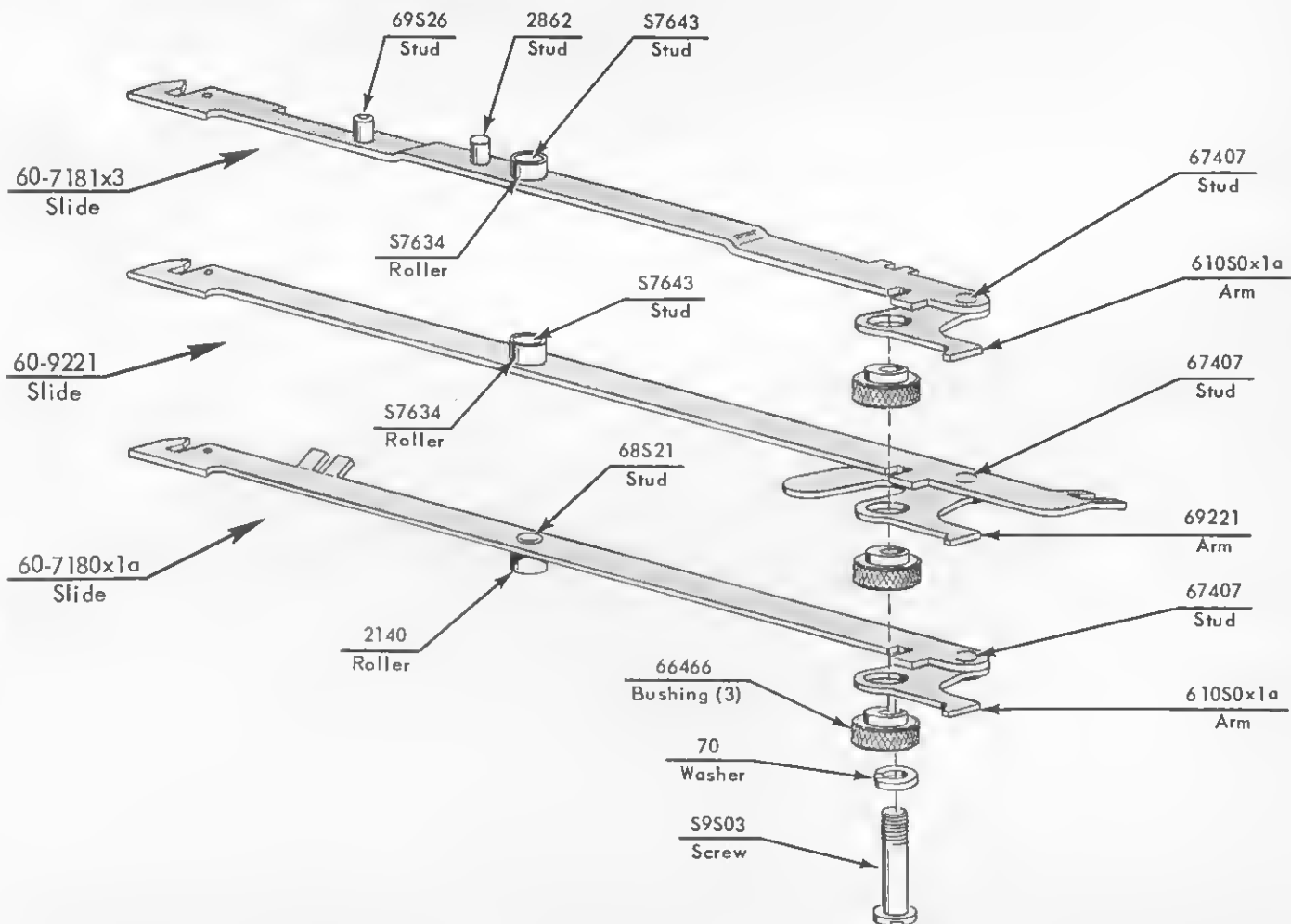
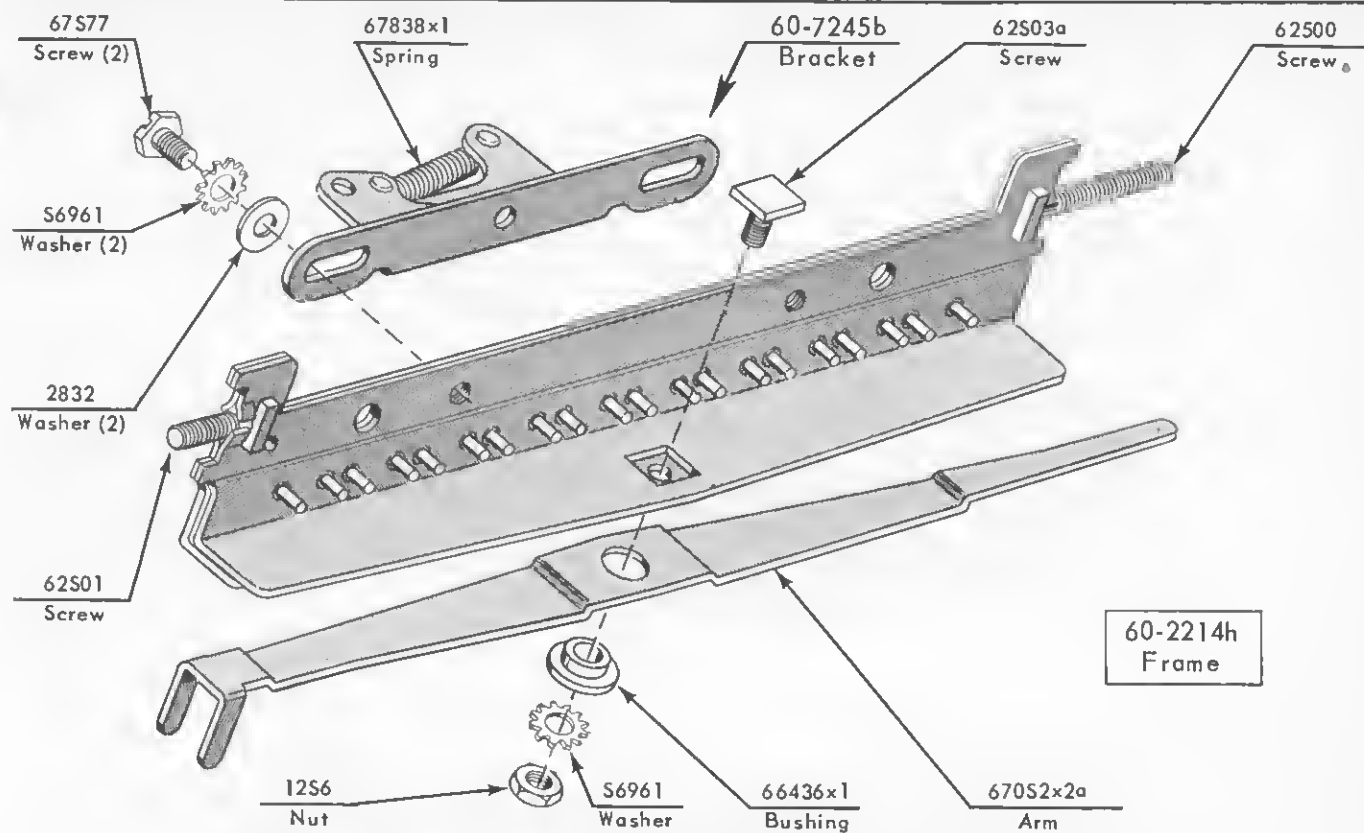
To ensure a secure hold, the opening in the 60-7613 F.S. Arm has been made slightly smaller than the diameter of the Shaft. It will therefore be necessary to file a slight flat on the Shaft, just to the left of the position where the Clamp is to be secured. The 60-7613 F.S. Clamp may then be installed over the flat and moved to the location of the original Clamp.

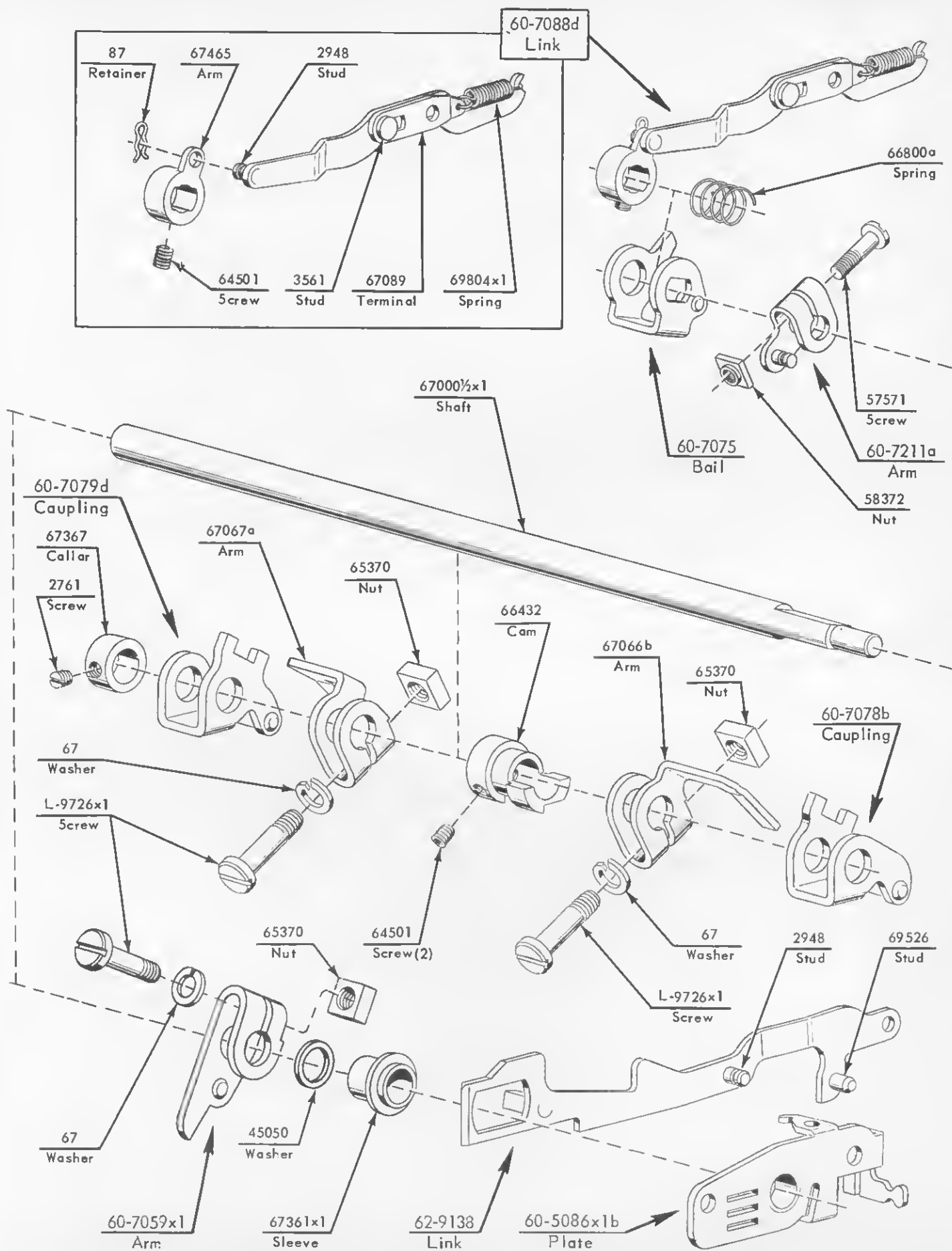


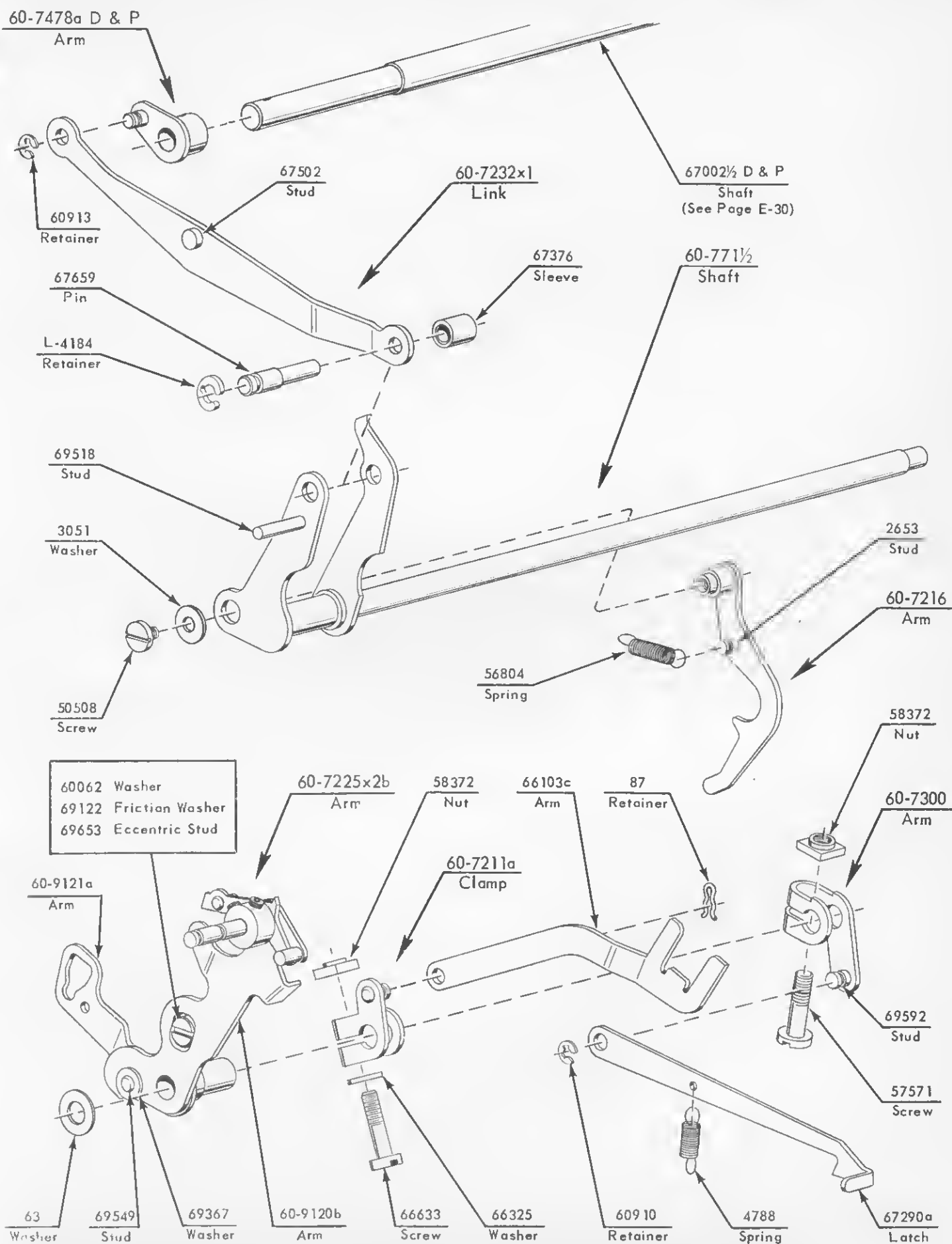
60-7613 F.S. Clamp

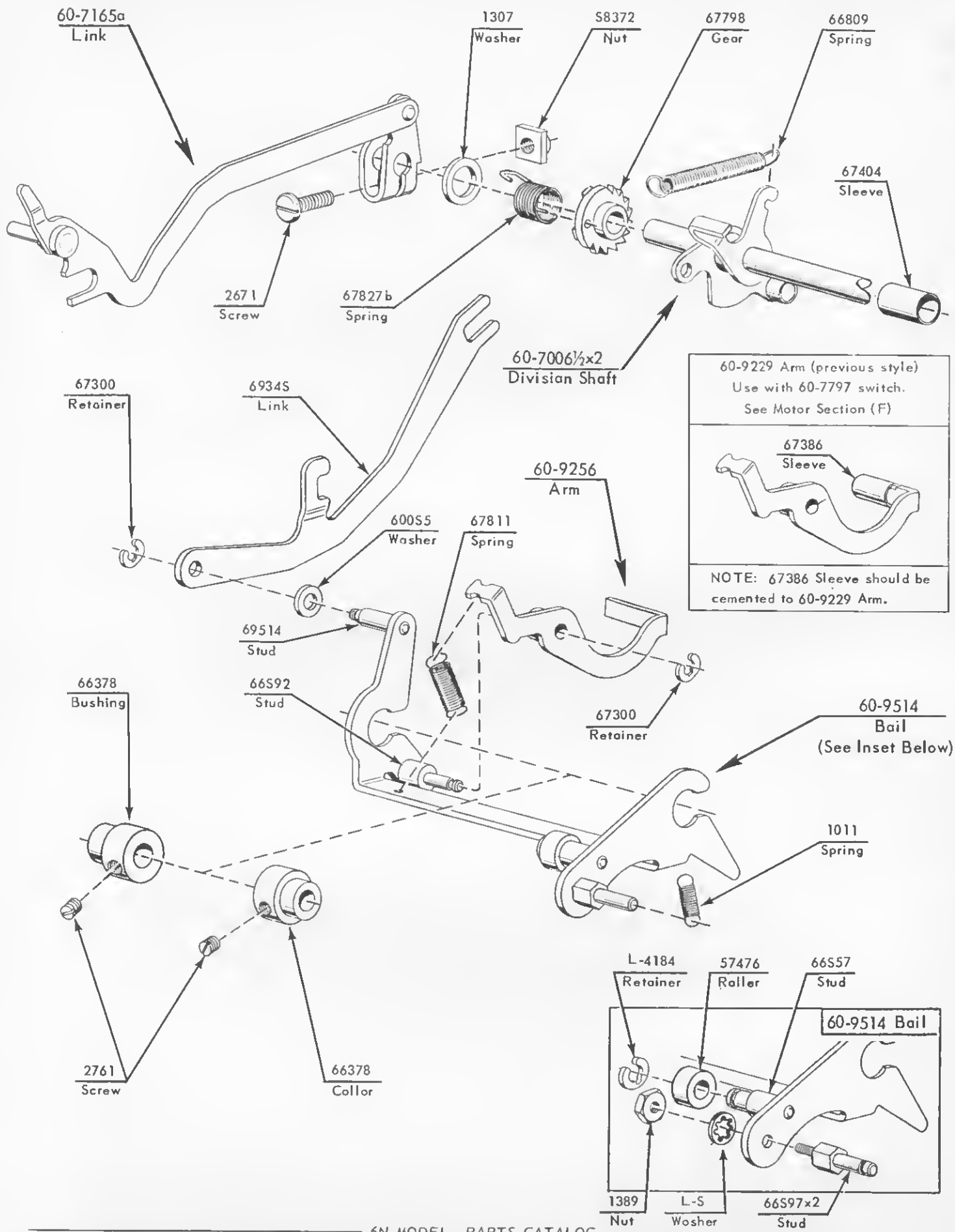


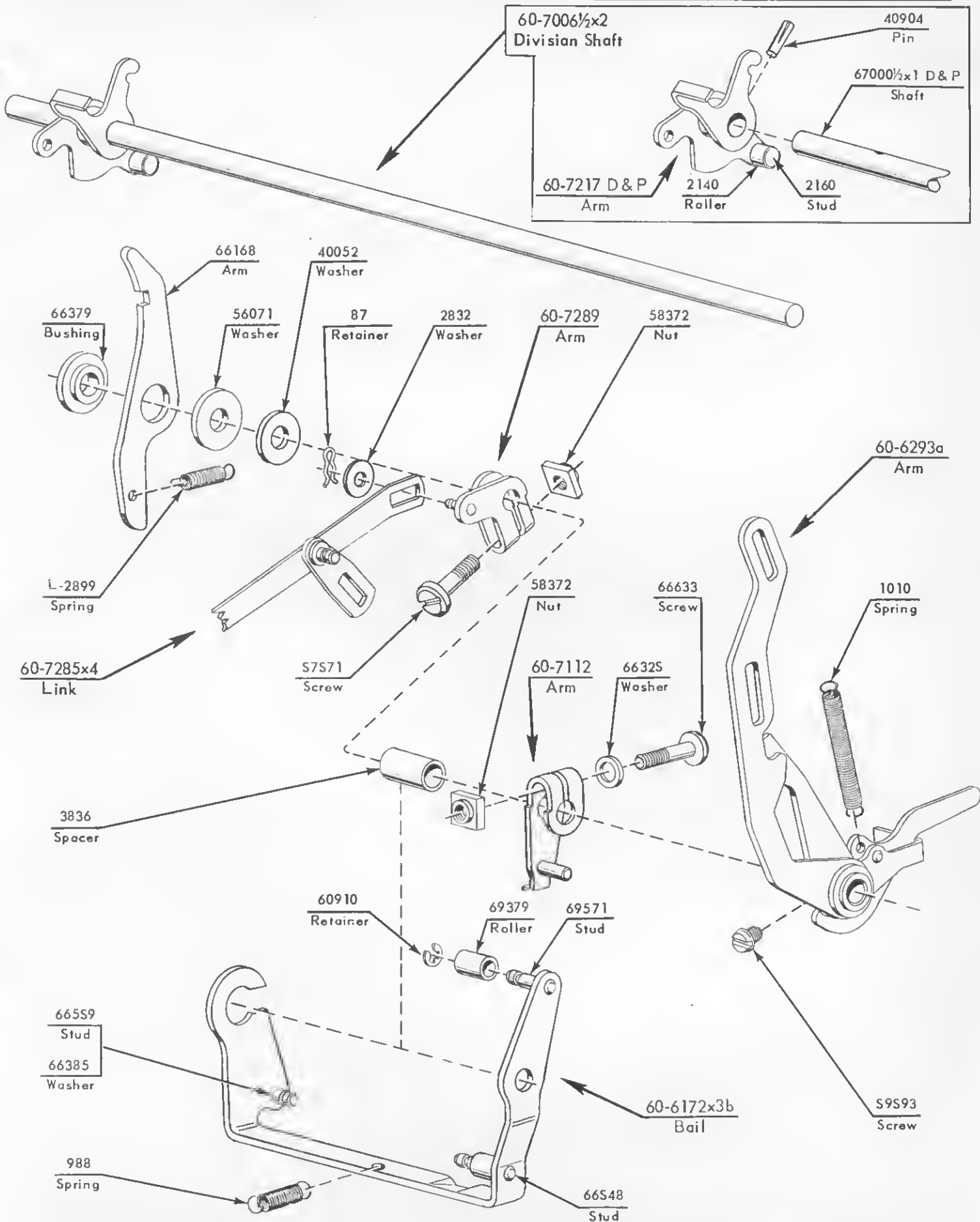


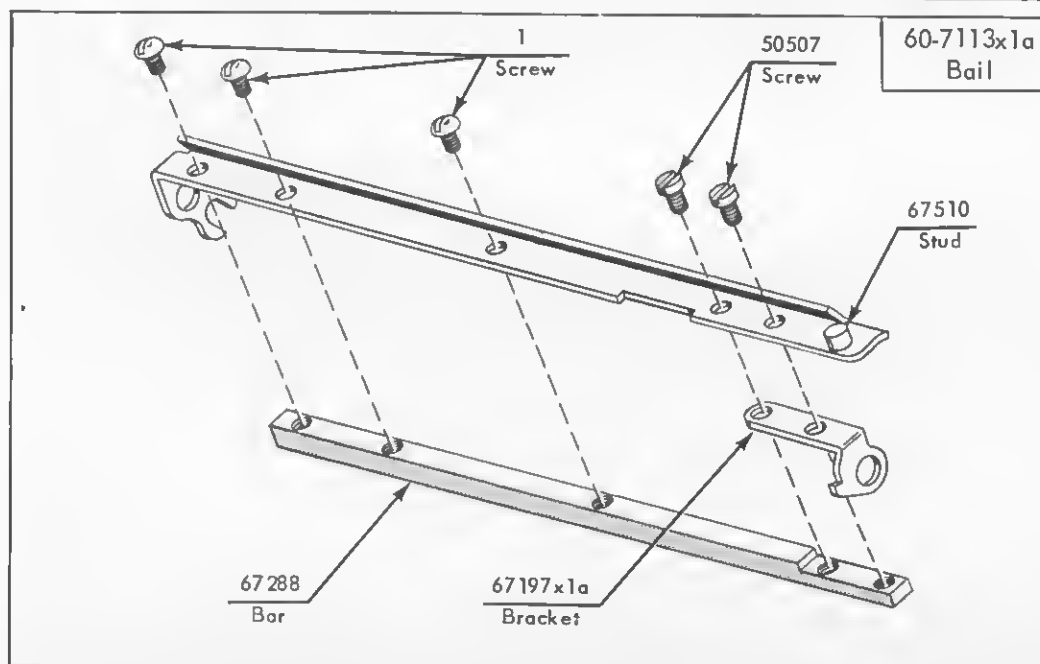
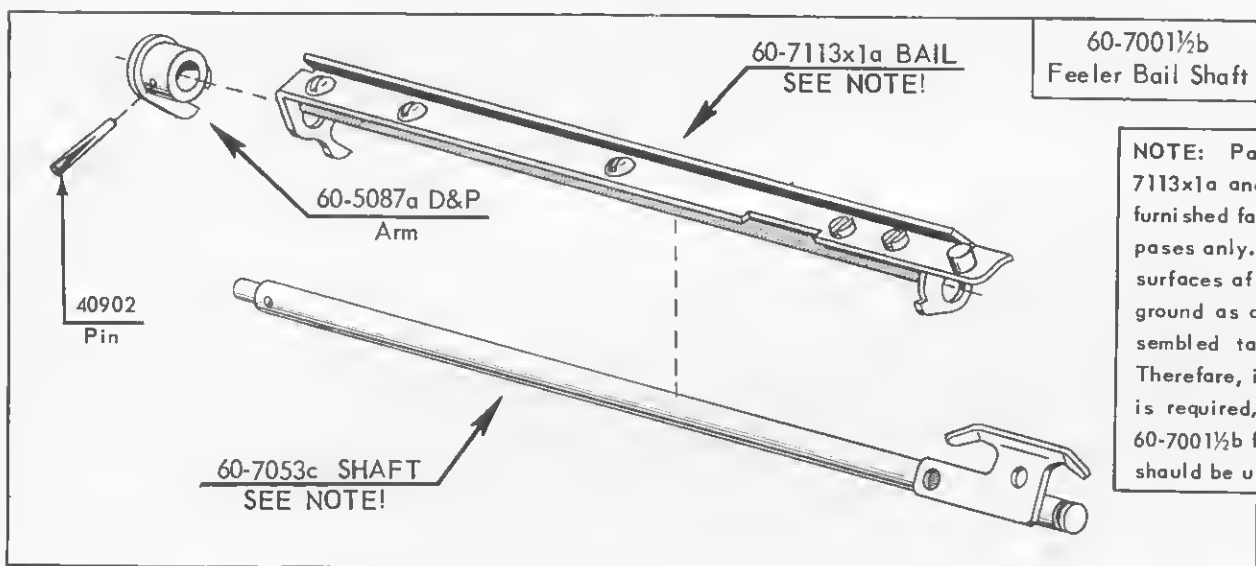
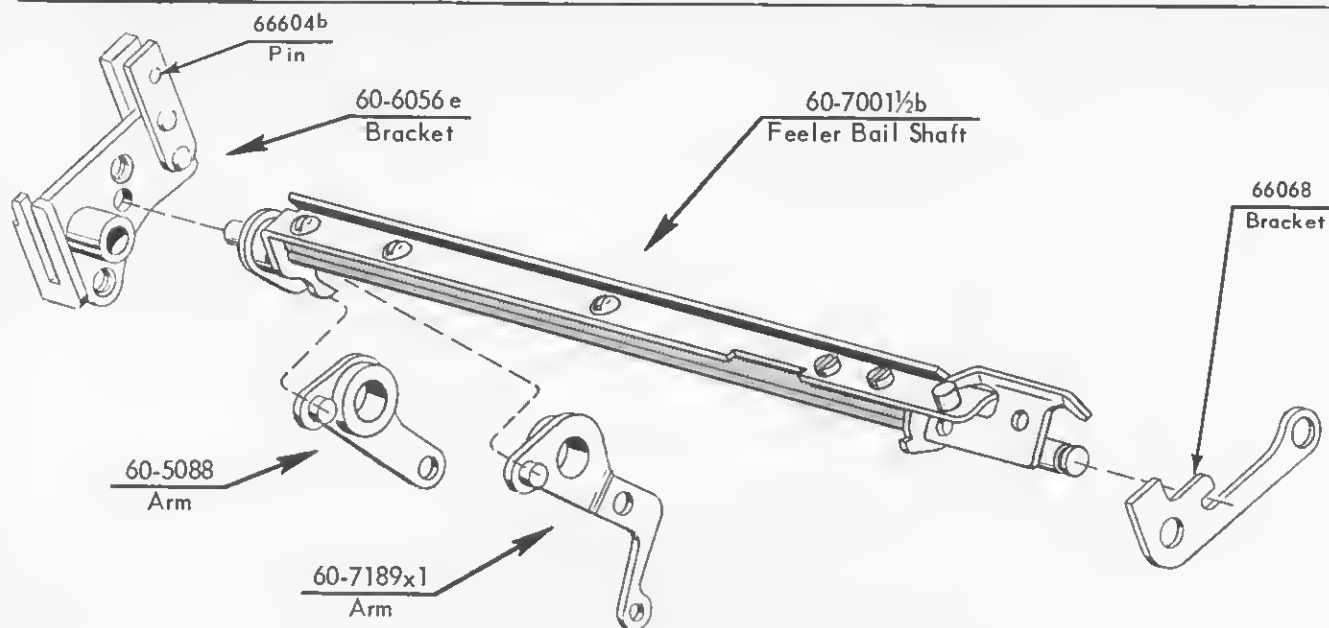


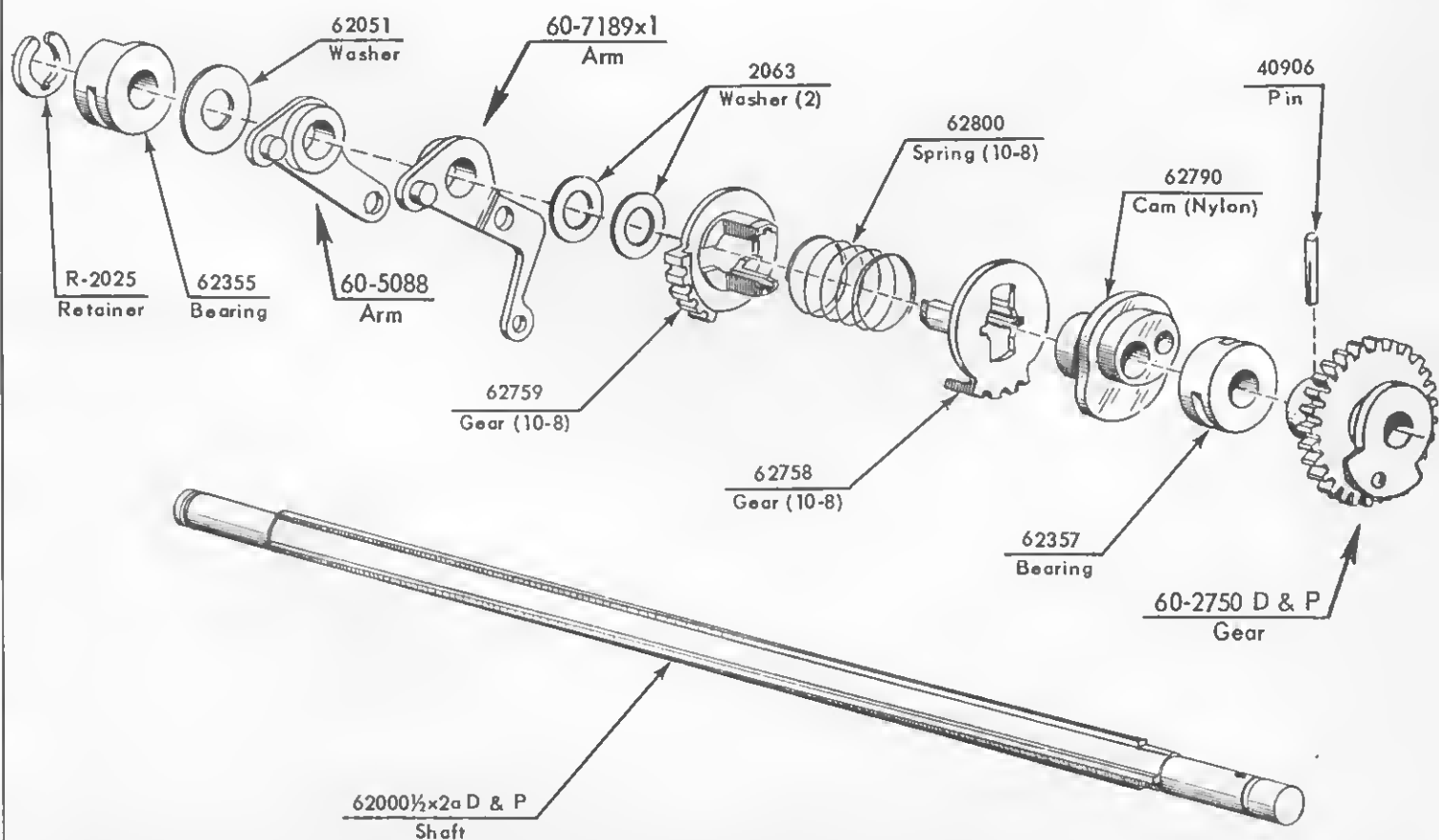
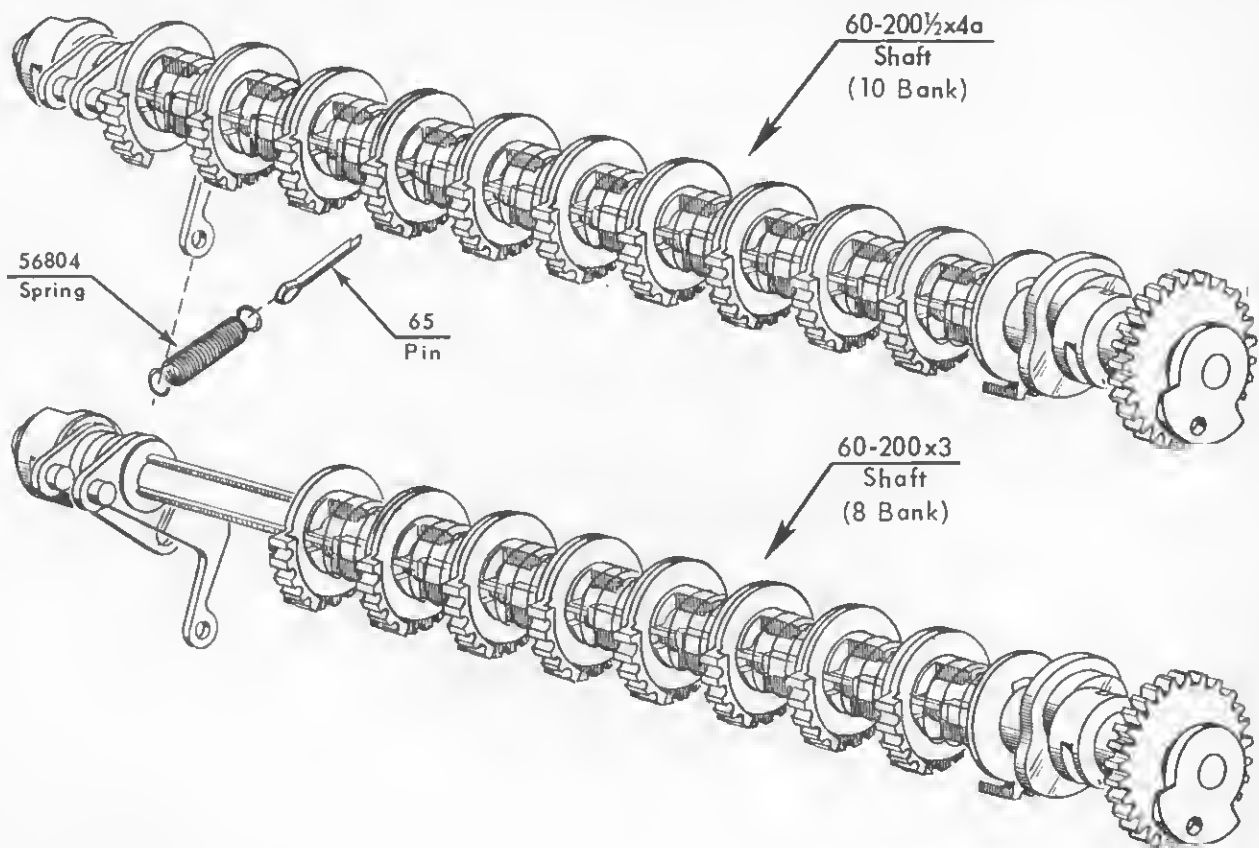


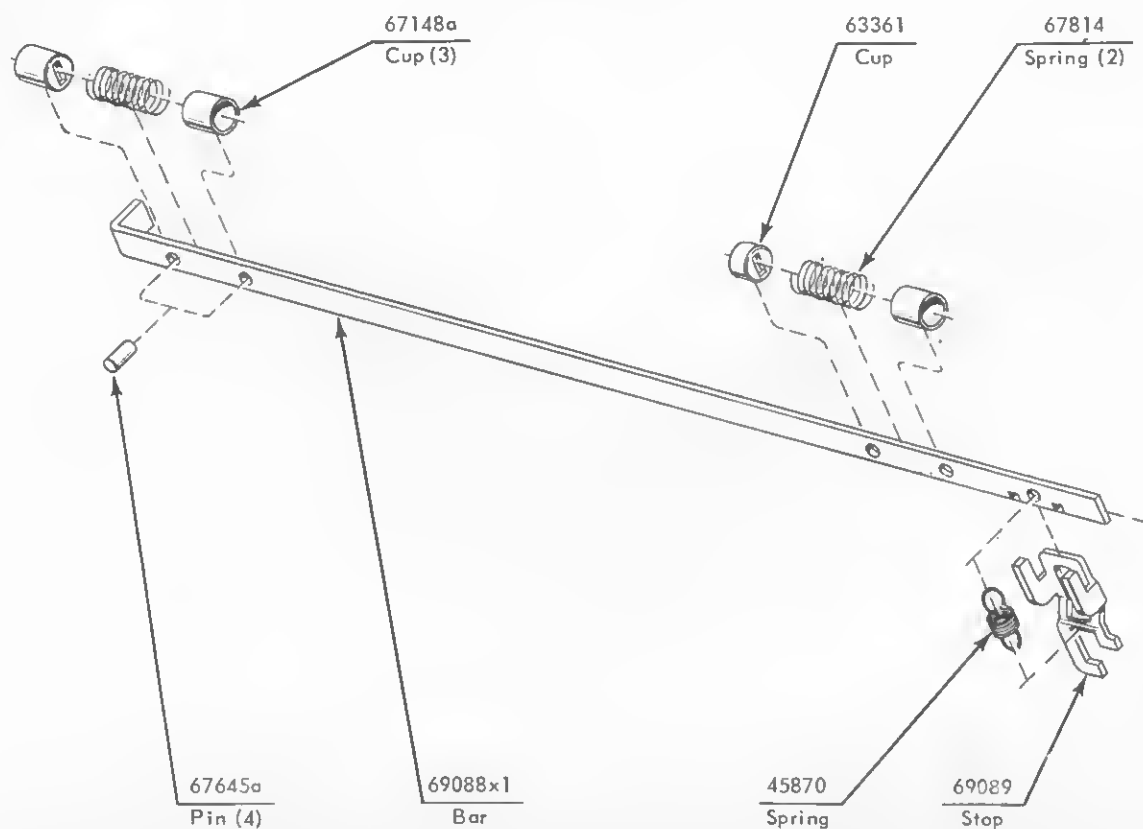
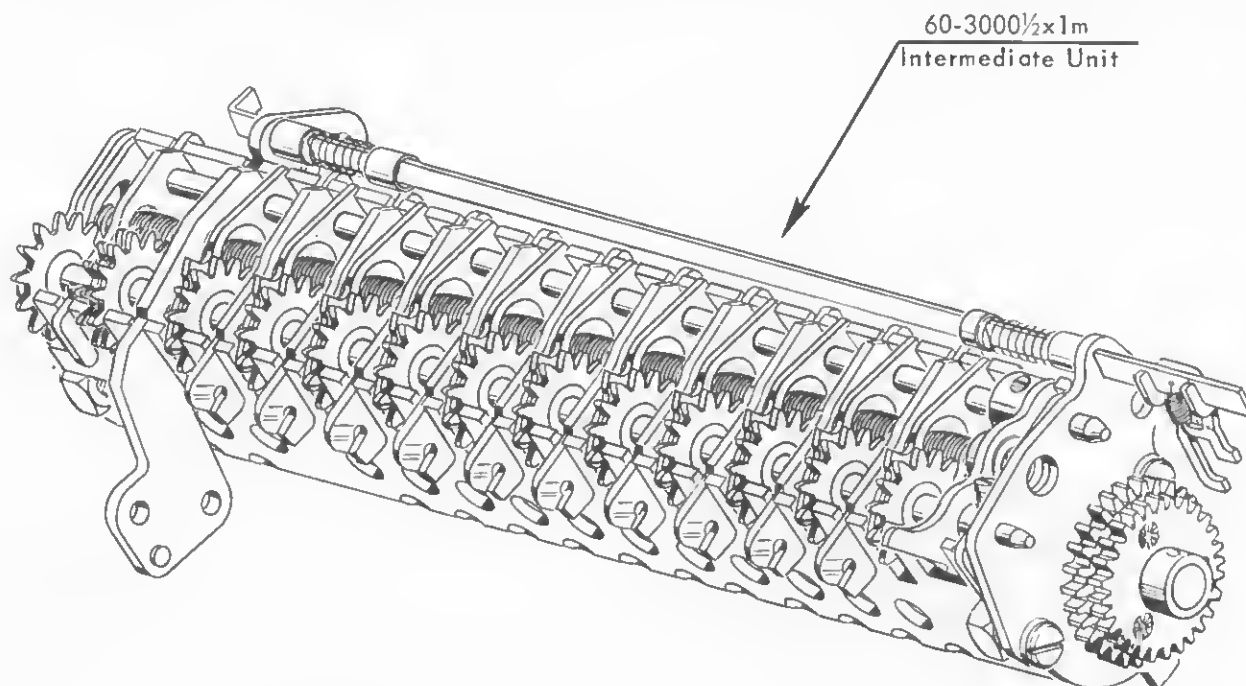


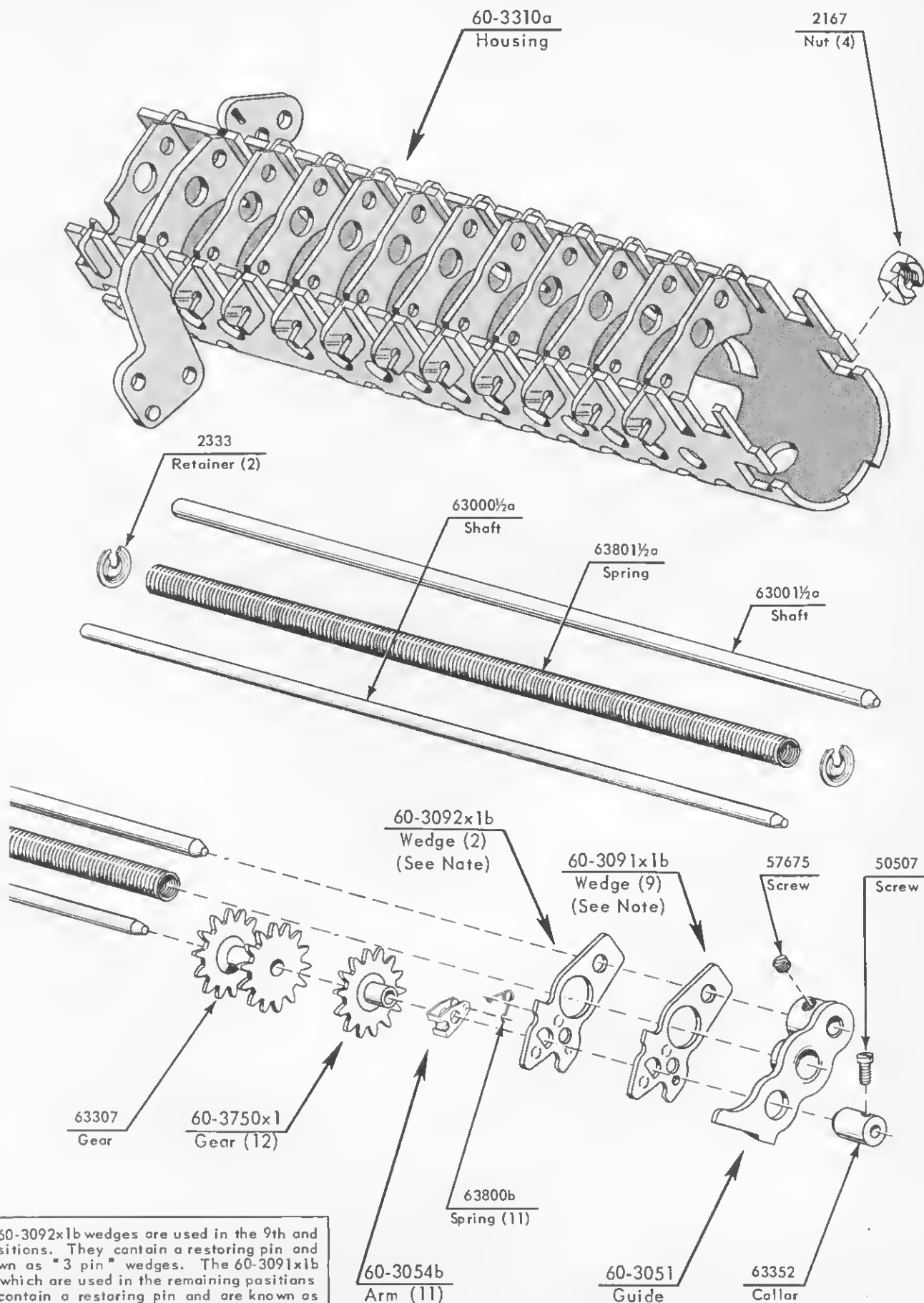


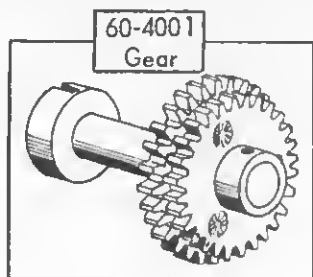












64001 D & P
Shaft

70
Washer (2)

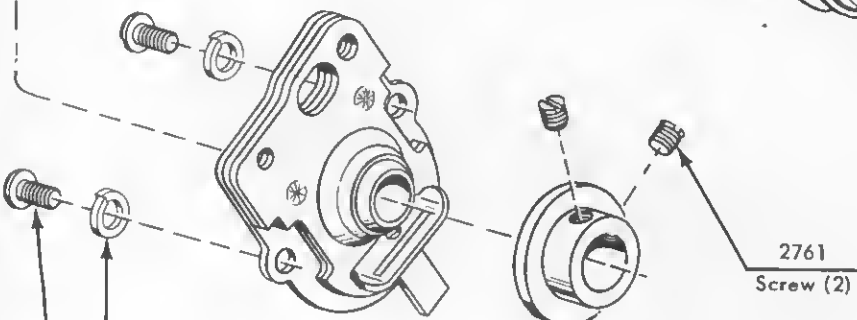
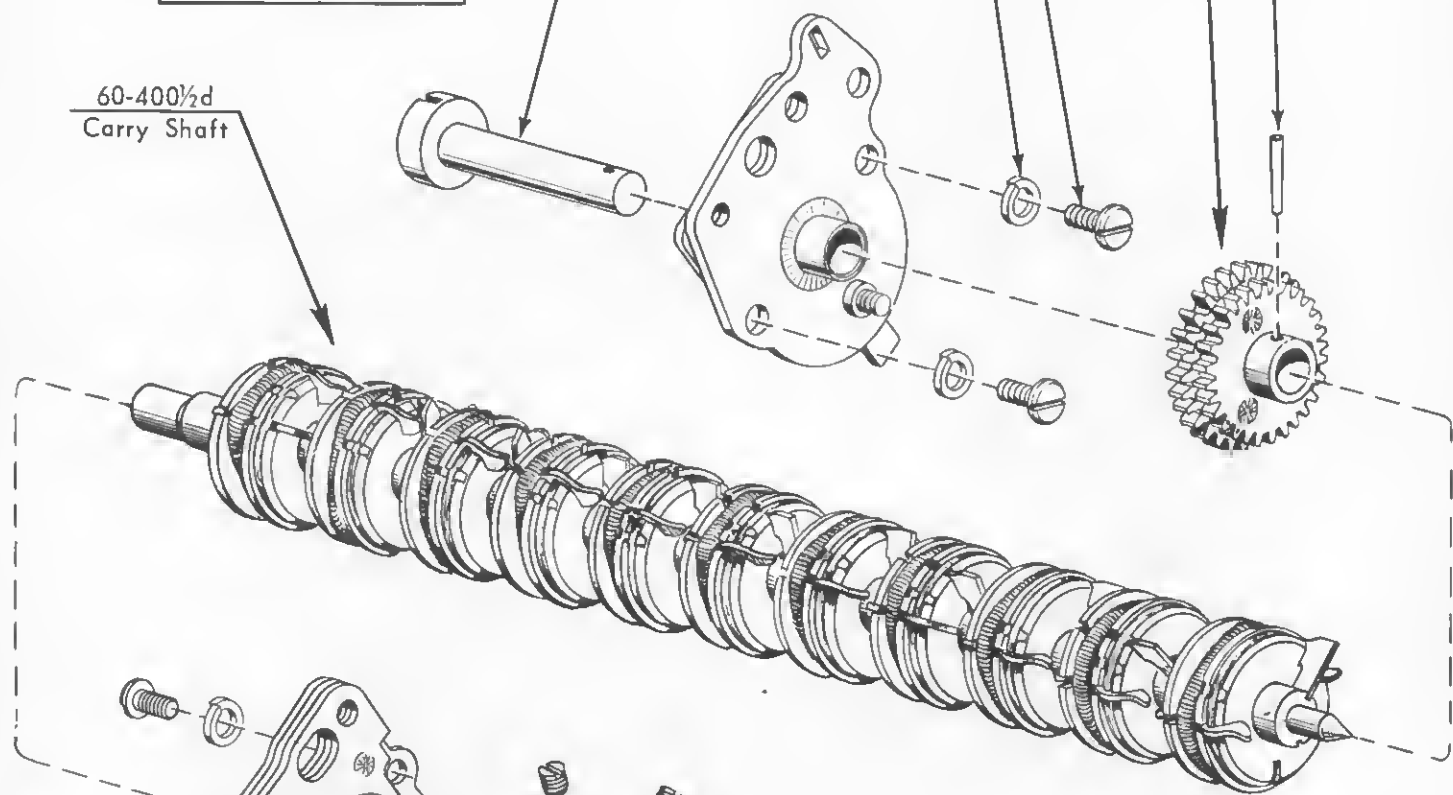
60-4750 D & P
Gear

60-8067a
Plate

957
Screw (2)

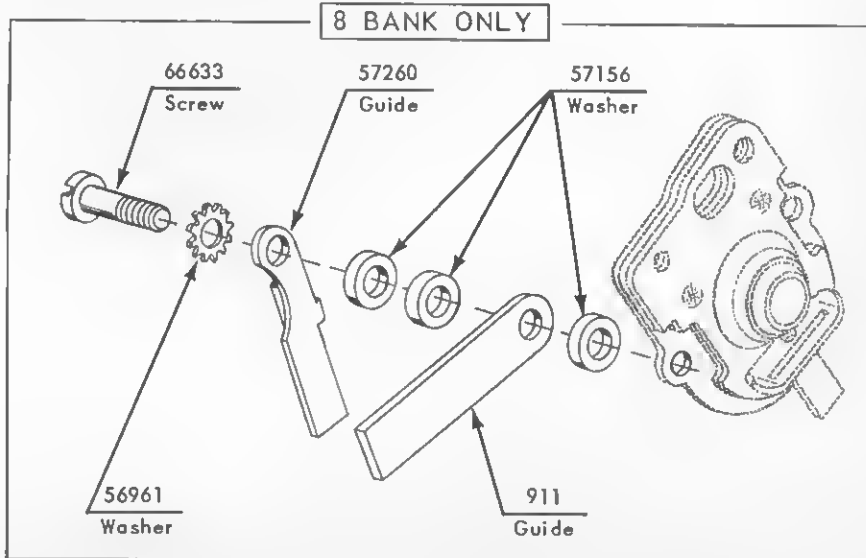
40
Pin

60-400½d
Carry Shaft



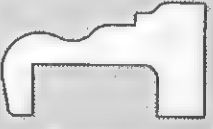


60-8066
L.H. End Plate

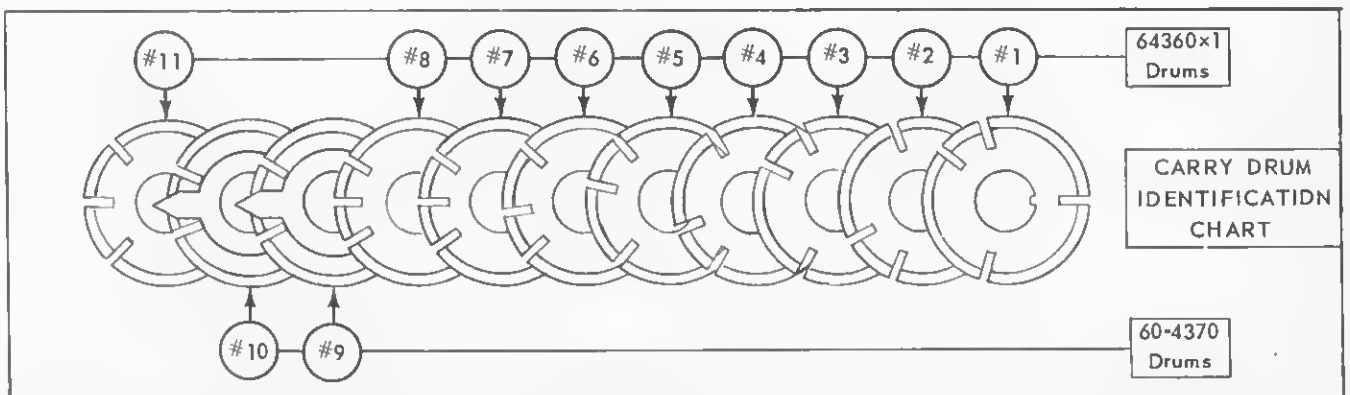
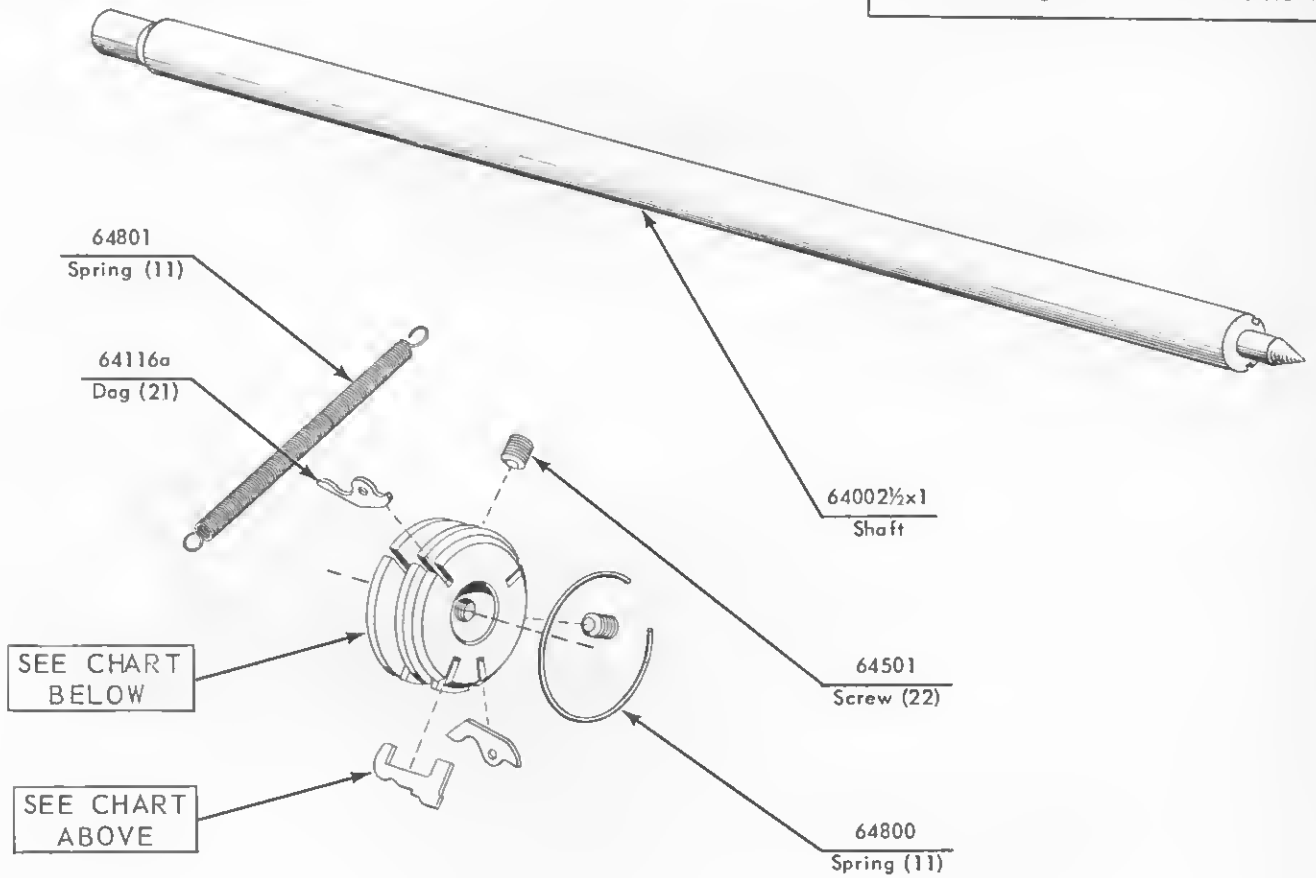
8 BANK ONLY

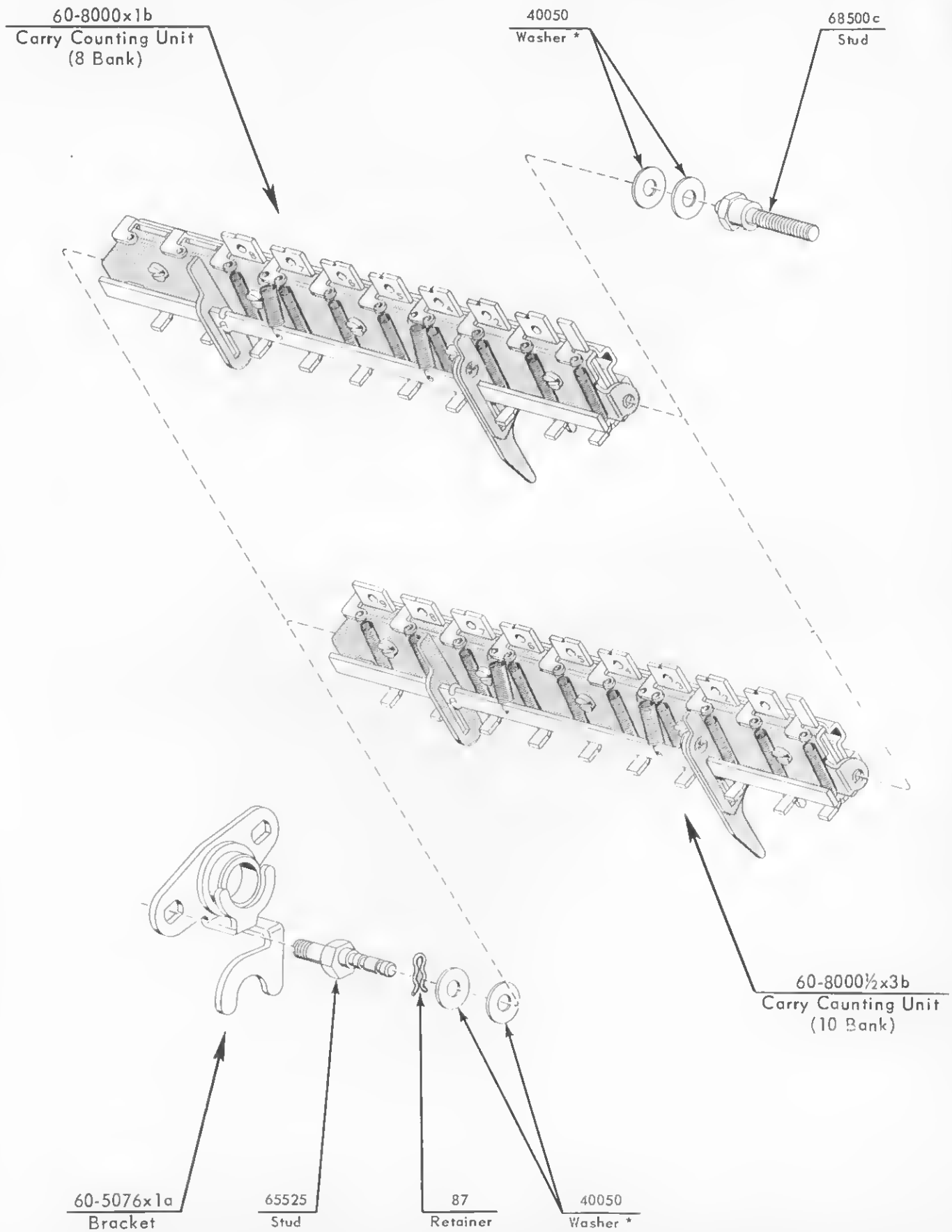


60-400½d
Carry Shaft

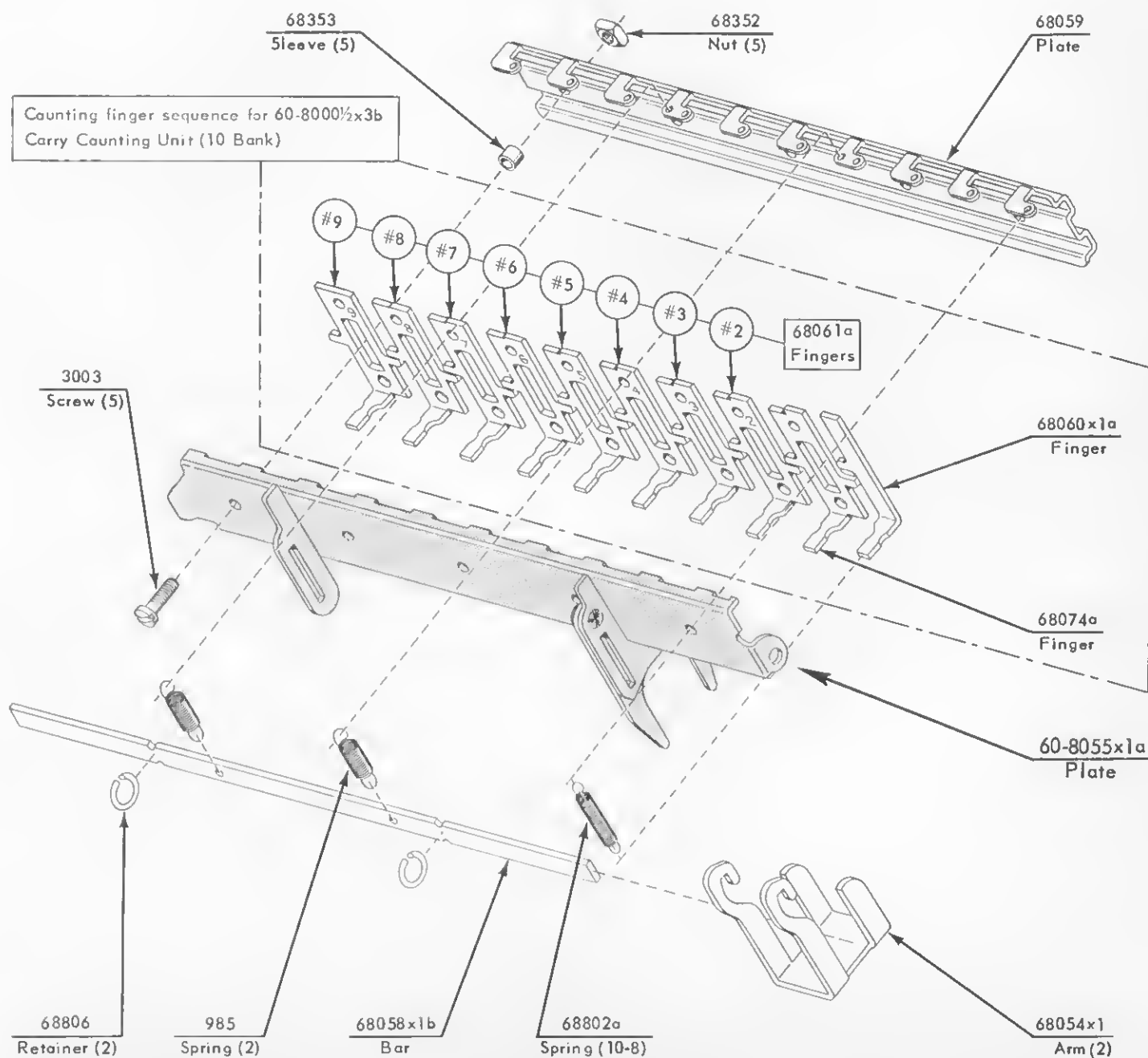
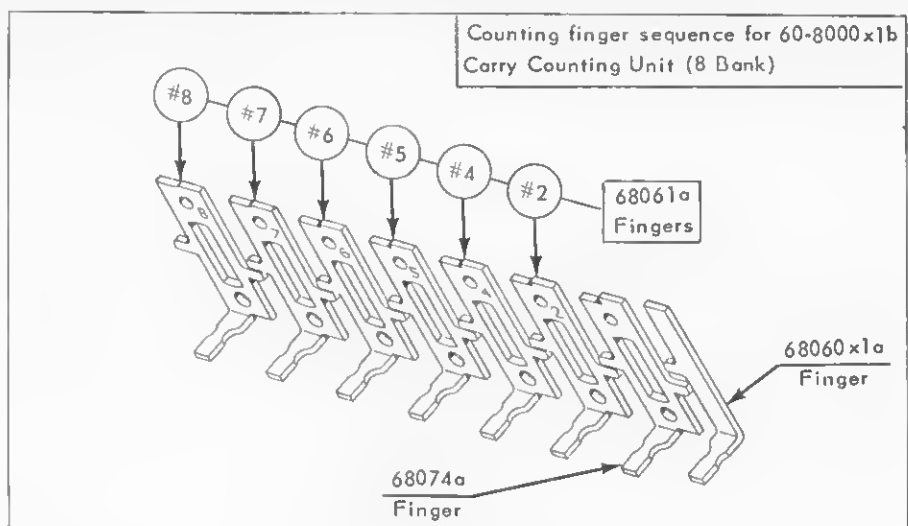
		
64116a Dog 21 Used	64060a Arm 9 Used	64061 Arm 1 Used

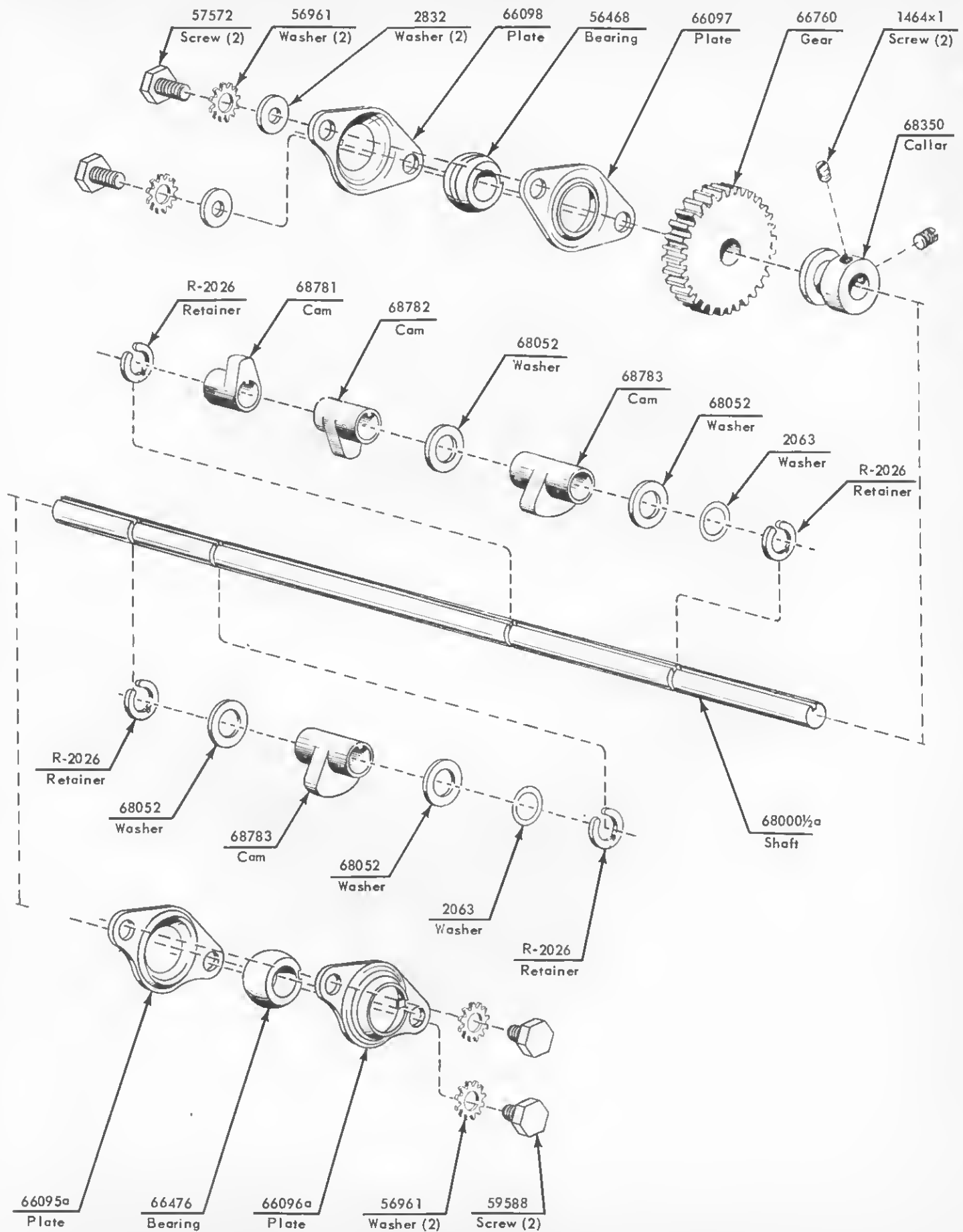
NOTE: 64060a restoring arm is used on all carry drums except #1, #9, and #10. 64061 restoring arm is used on #1 drum.

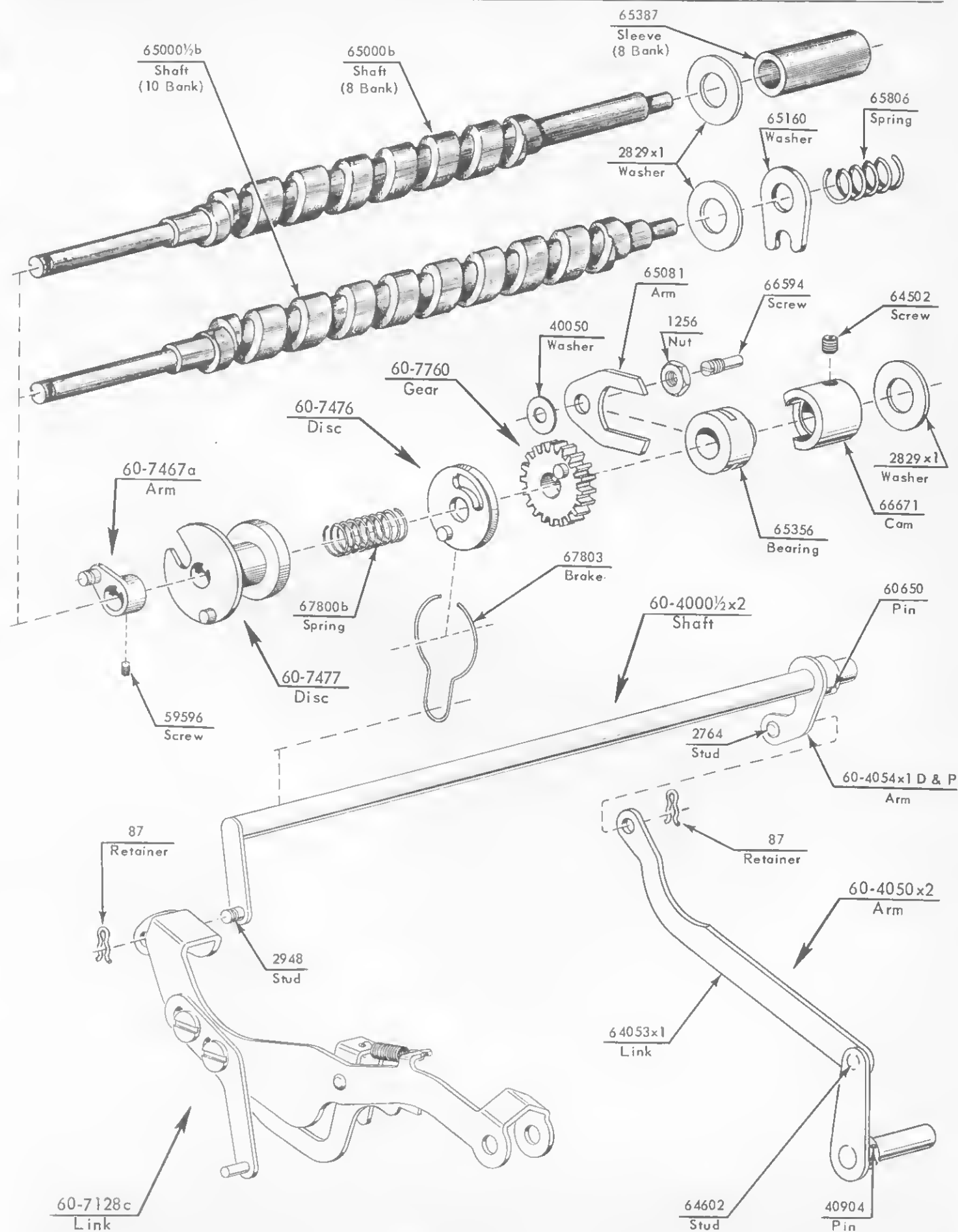


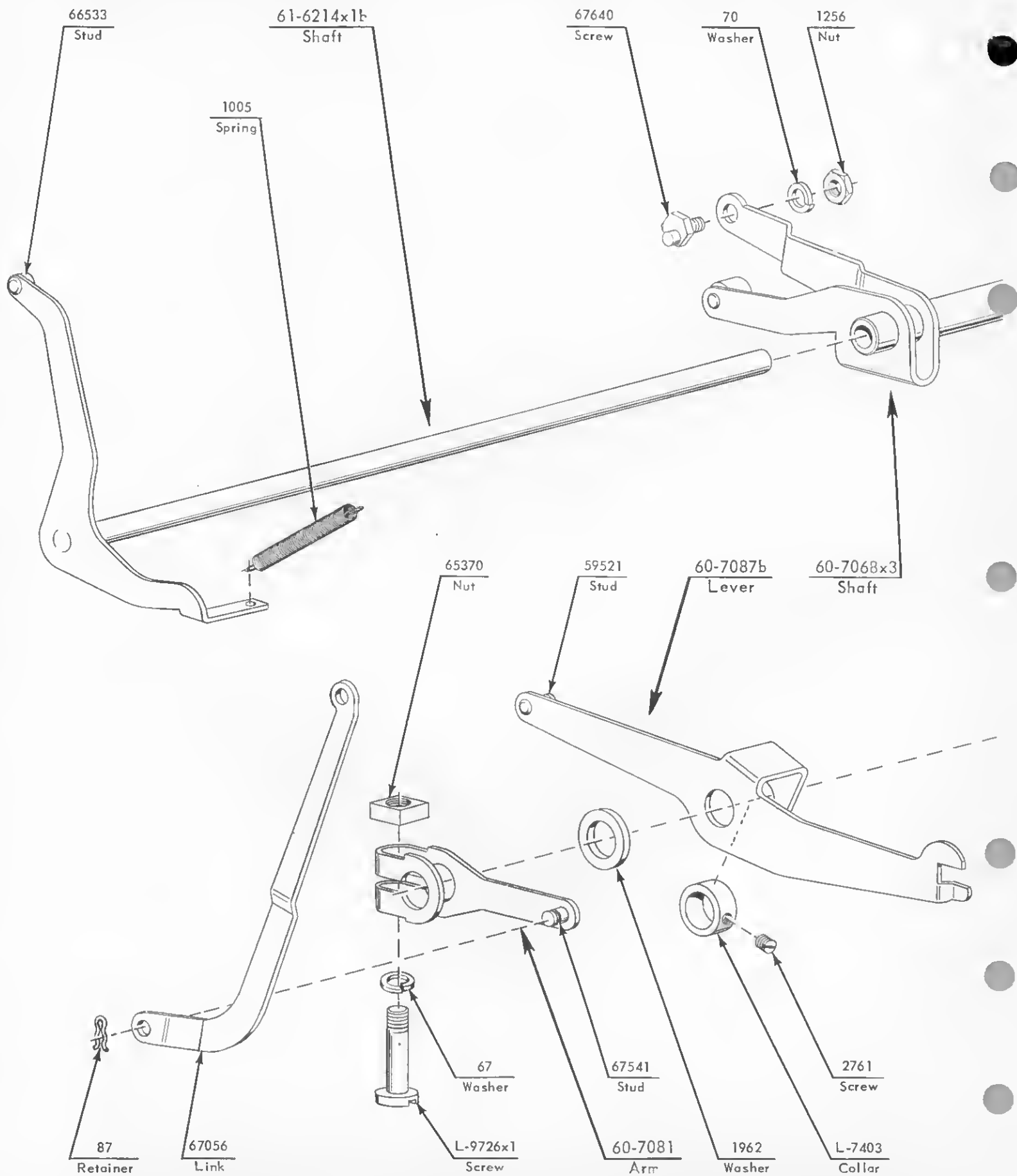


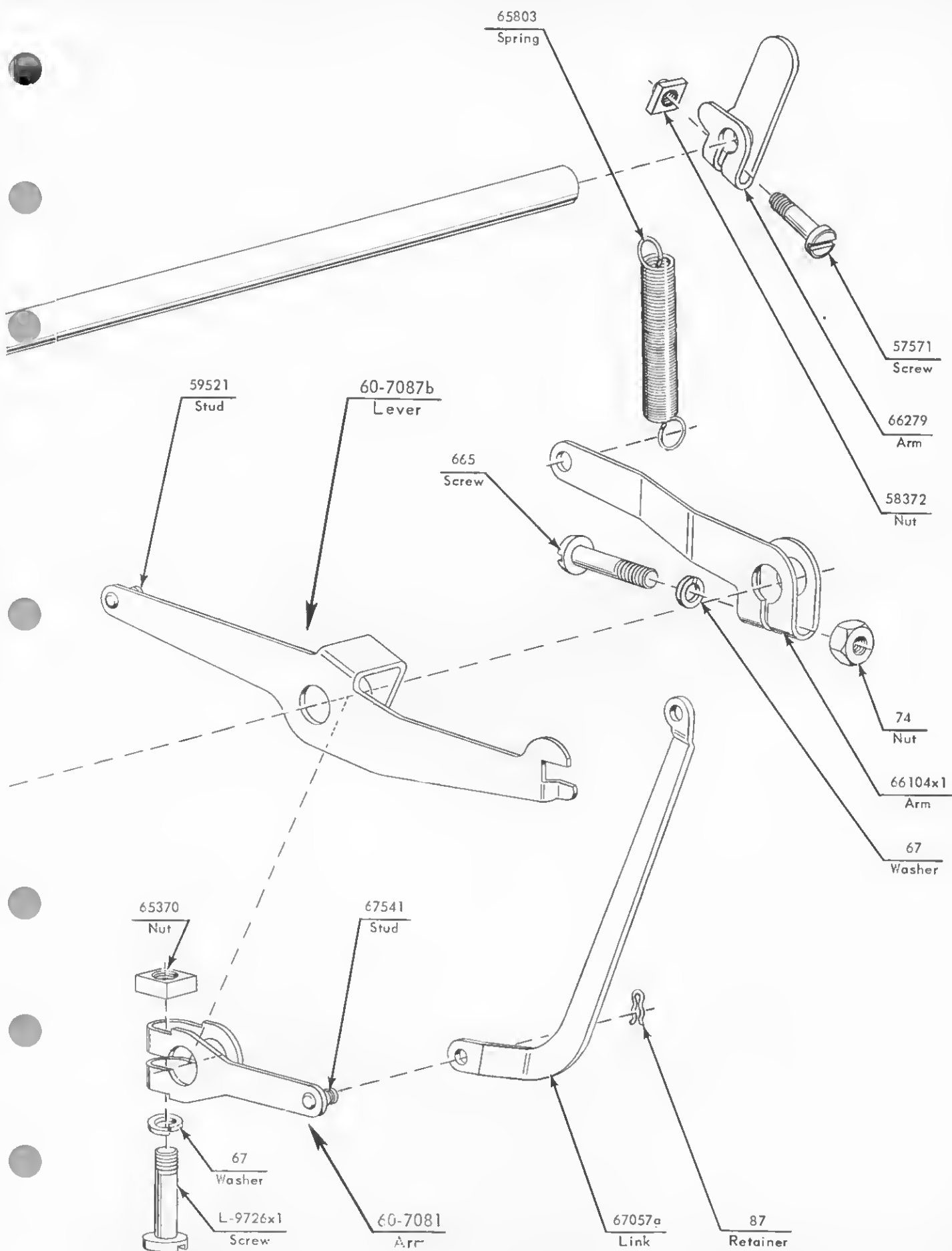
* AMOUNT USED MAY VARY

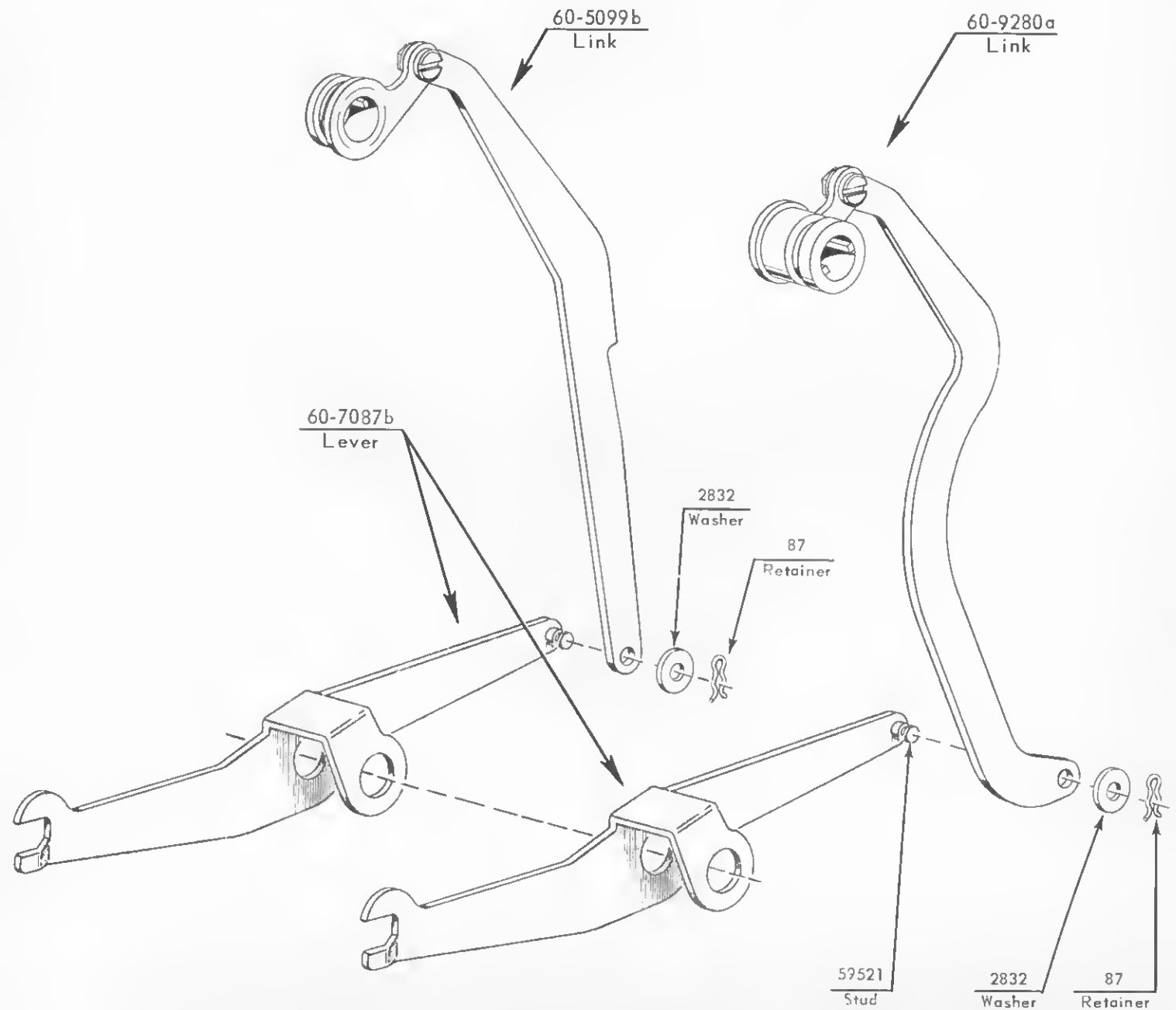
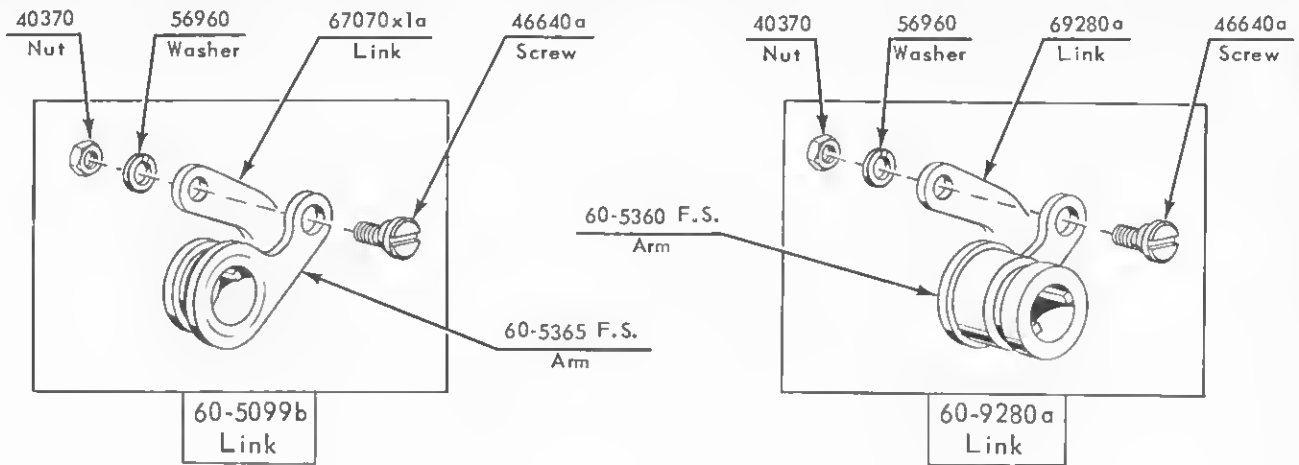


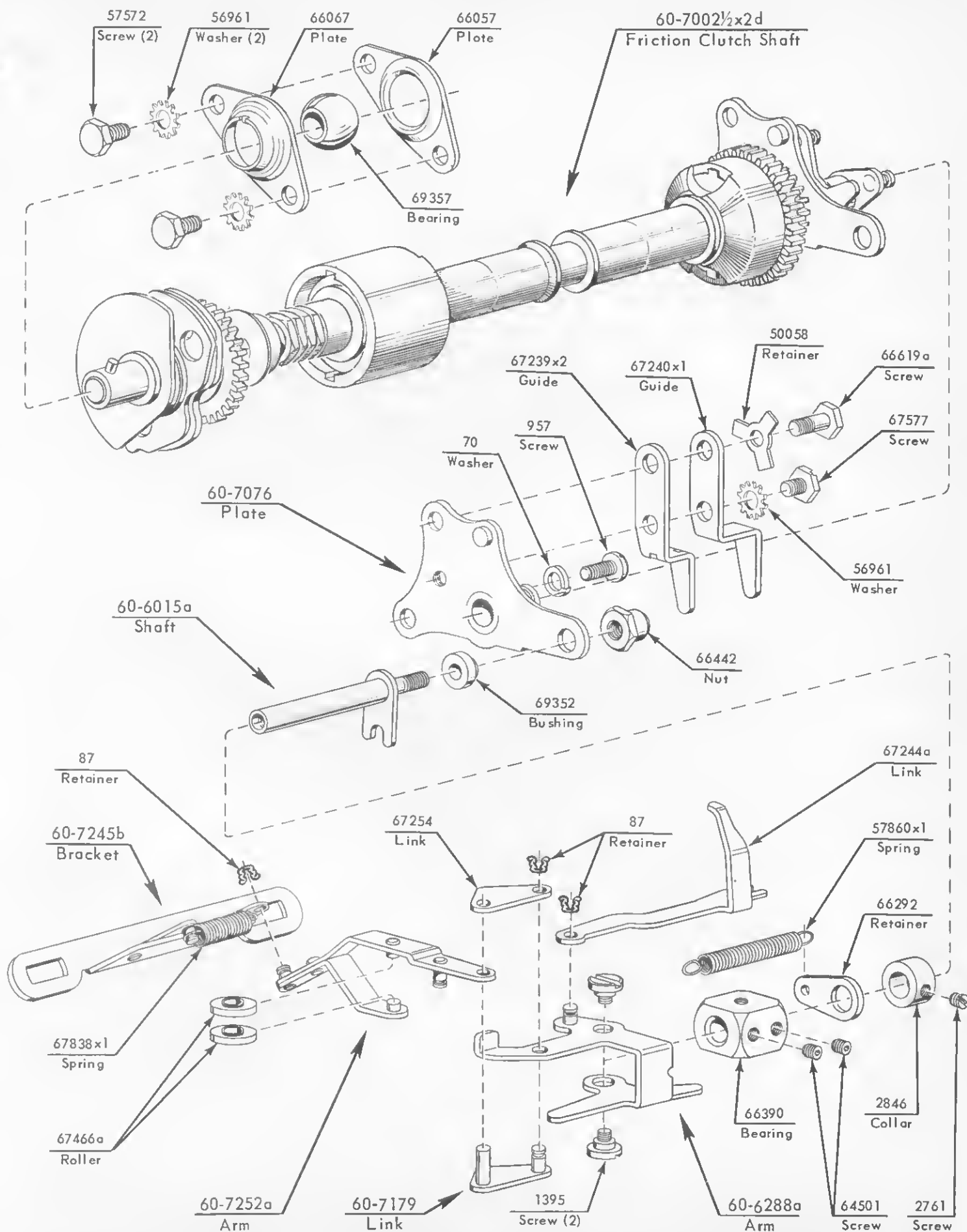


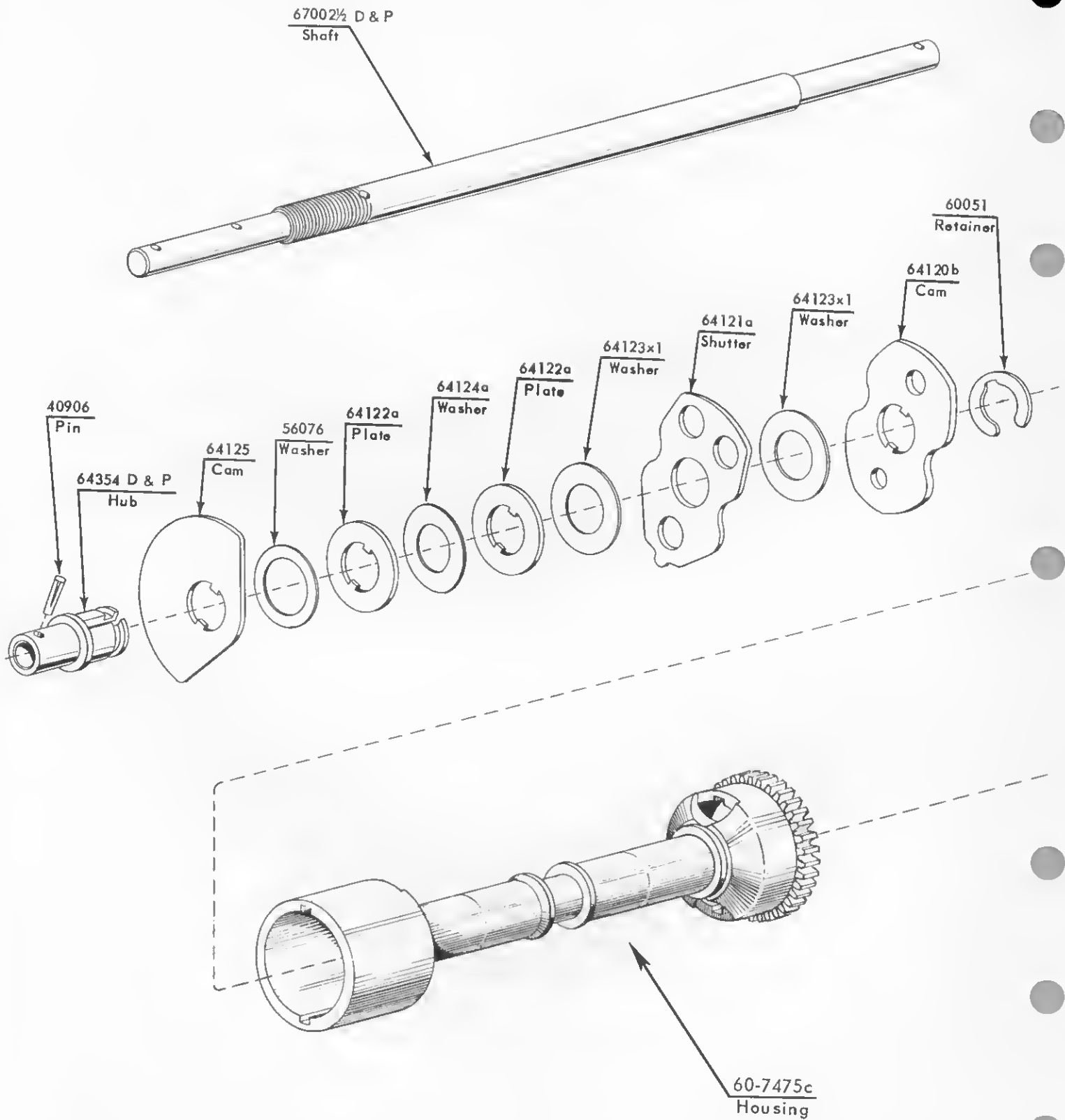


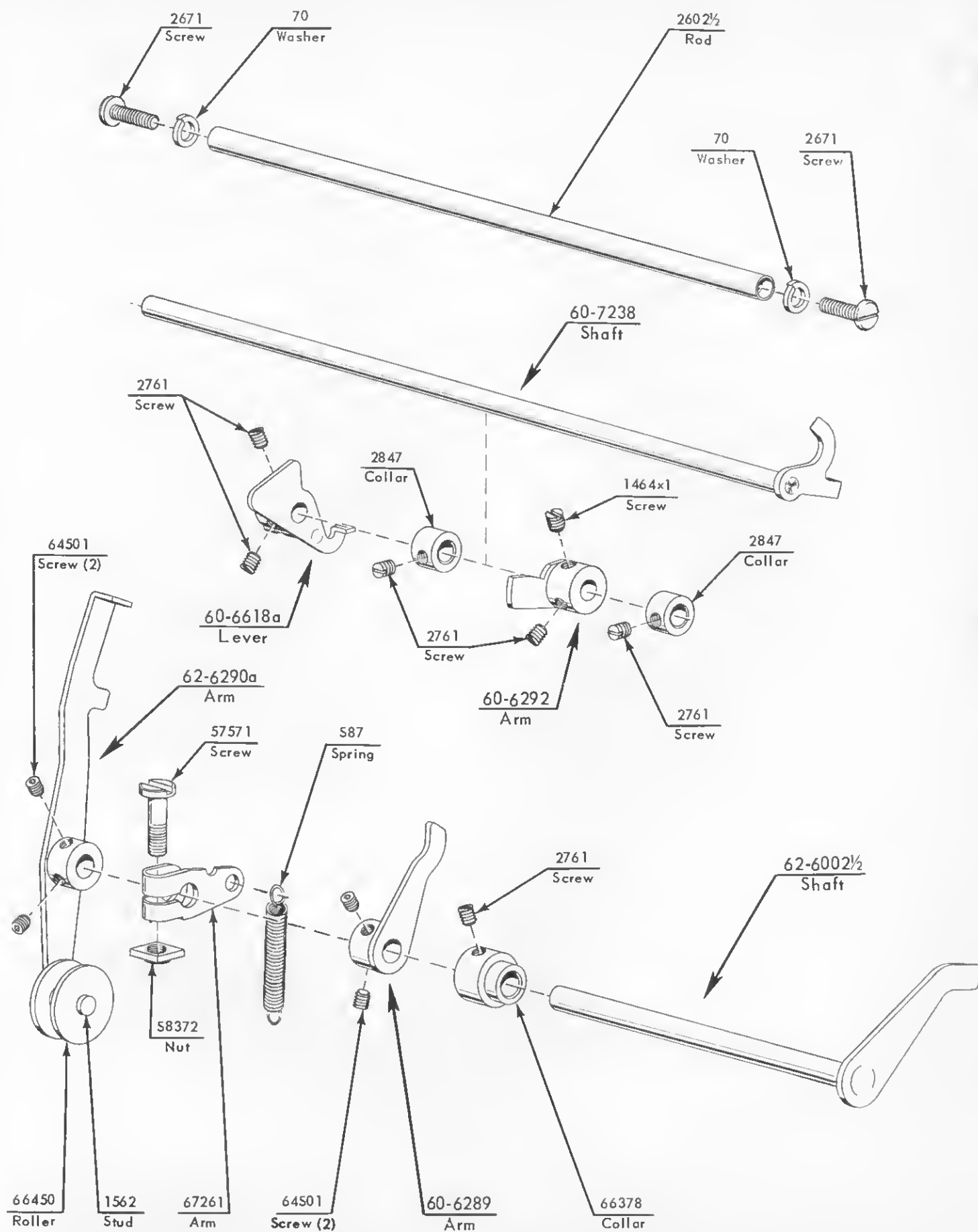


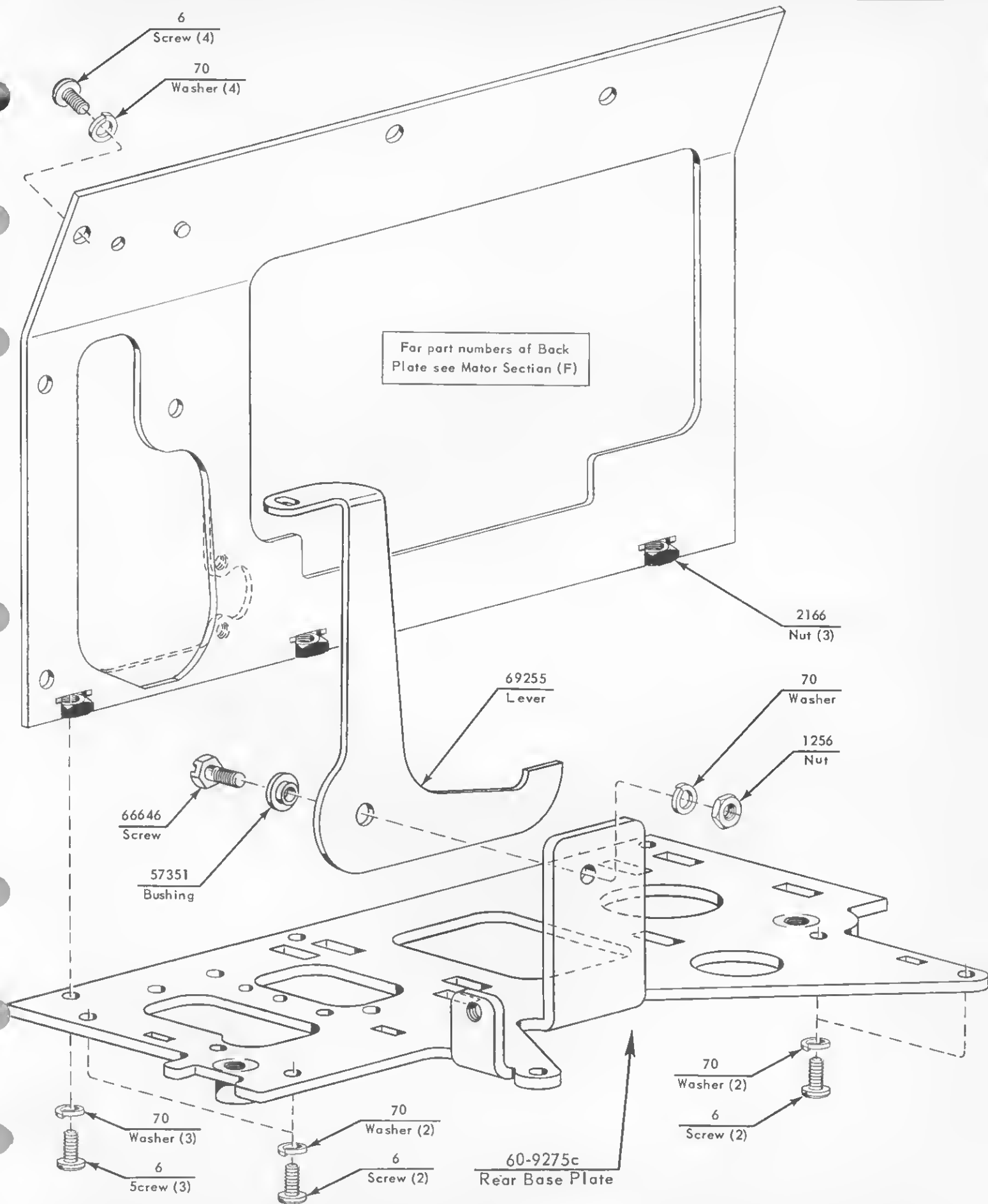






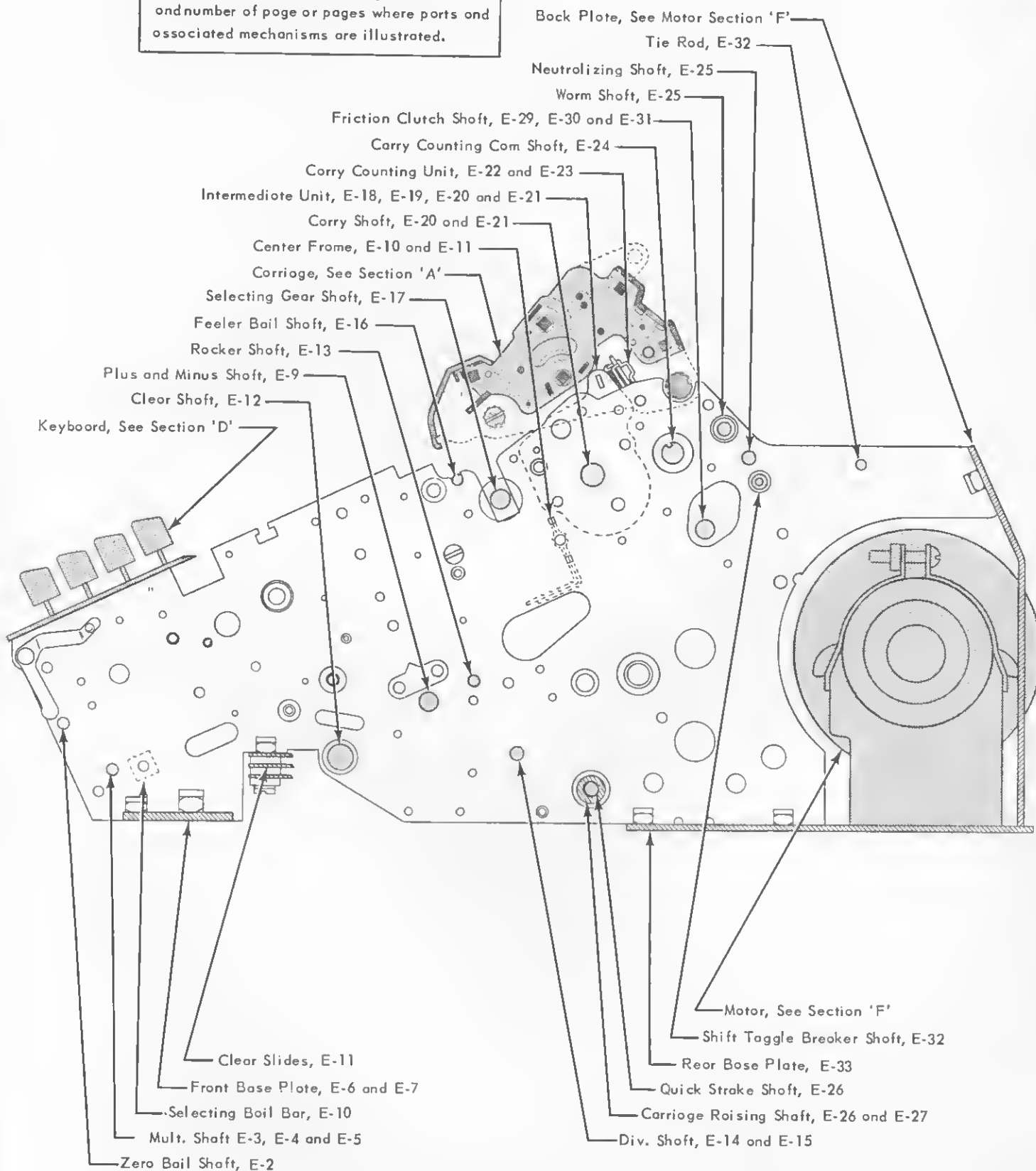




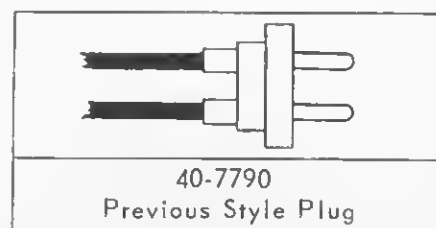
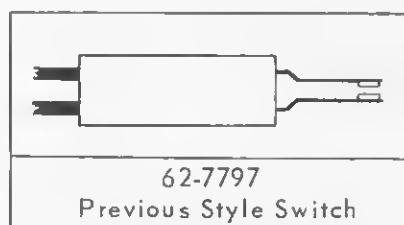
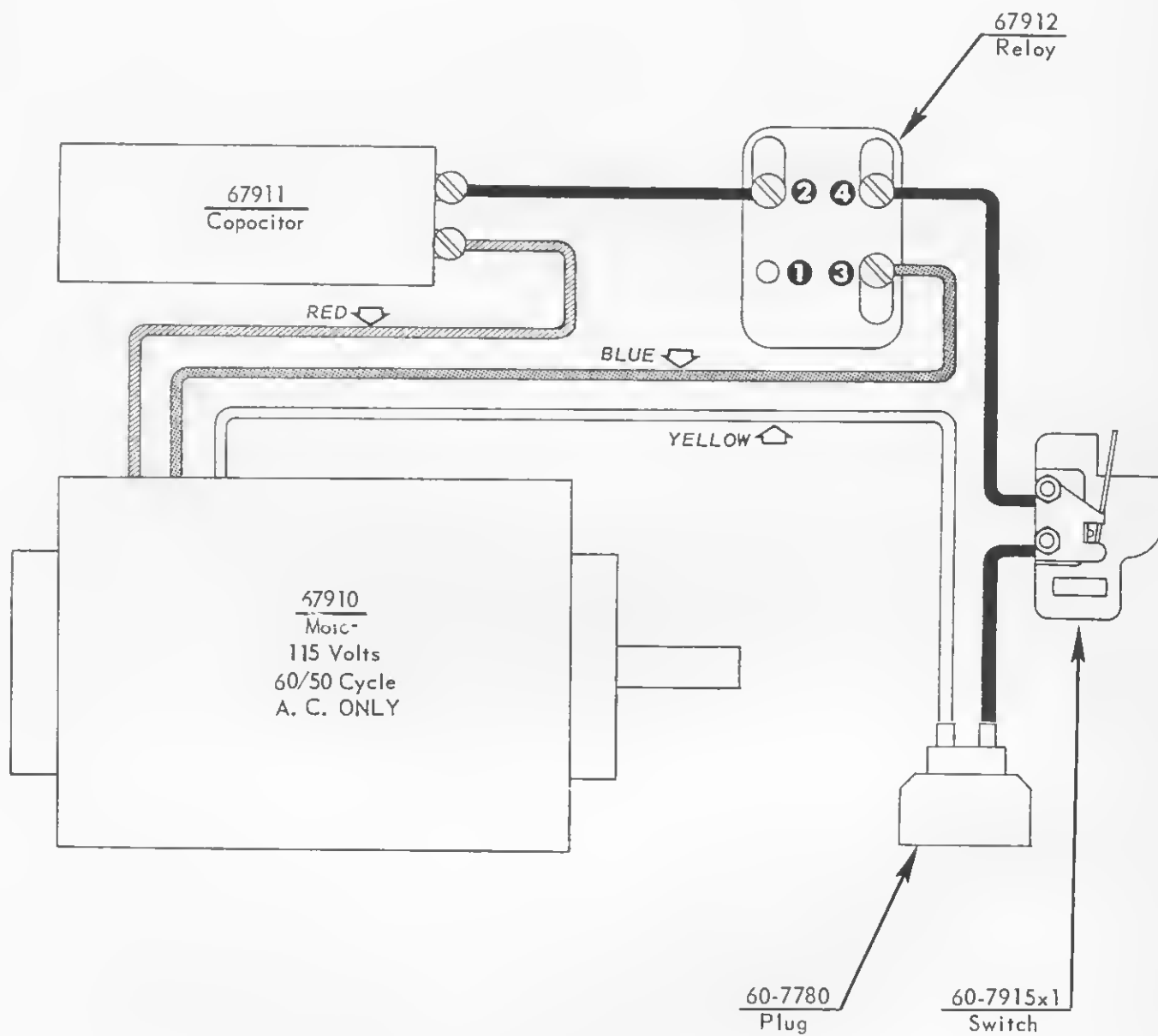


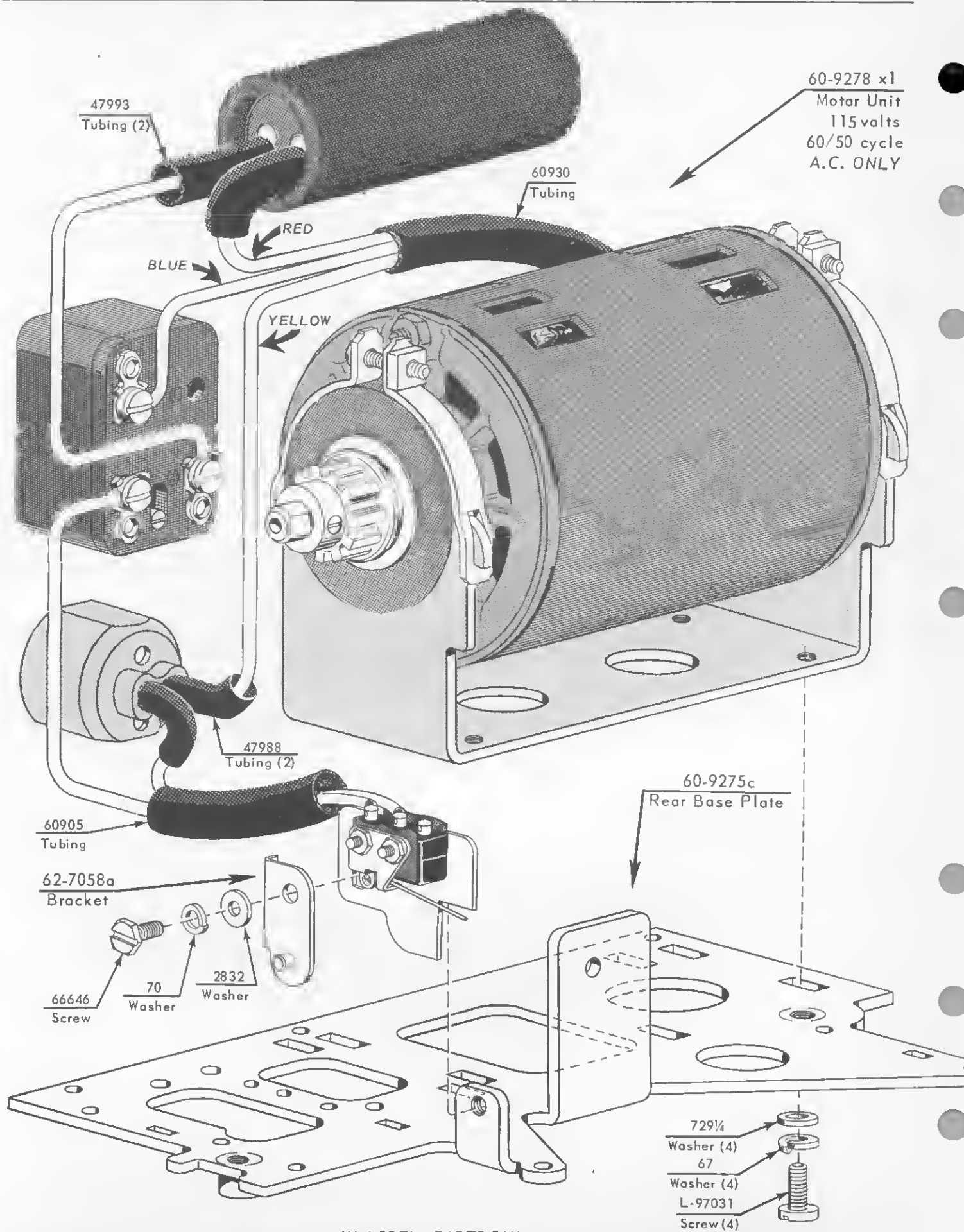
CROSS MEMBER LOCATION GUIDE

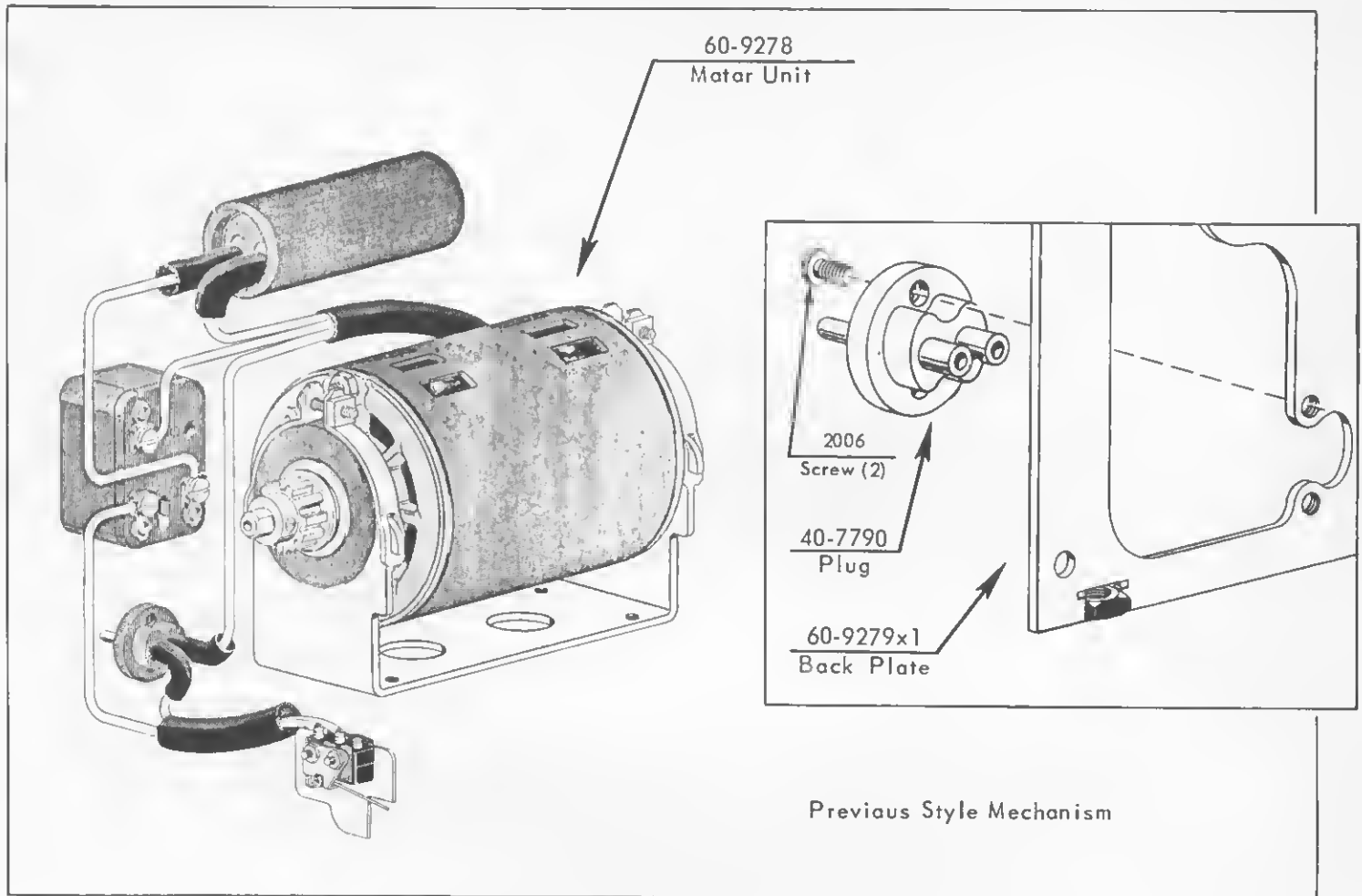
Cross members are identified below by name and number of page or pages where parts and associated mechanisms are illustrated.



WIRING DIAGRAM
60-9278x1 Motor Unit







The 60-9278 previous style motor unit shown above uses a 40-7790 'two-prong motor plug'.

The 60-9278x1 unit shown on preceding page uses a 60-7780 'three-prong grounded motor plug'.

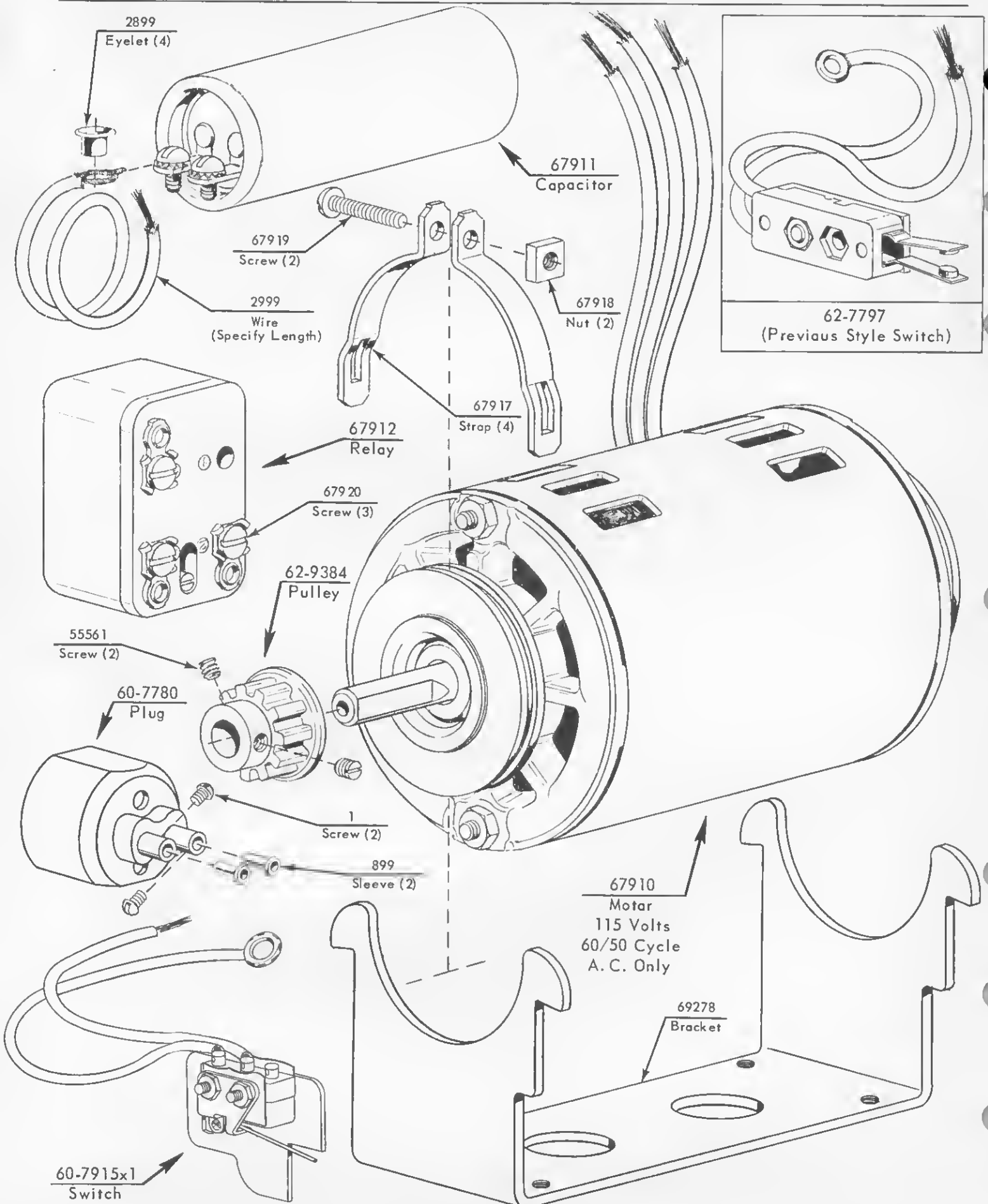
These units are otherwise identical.

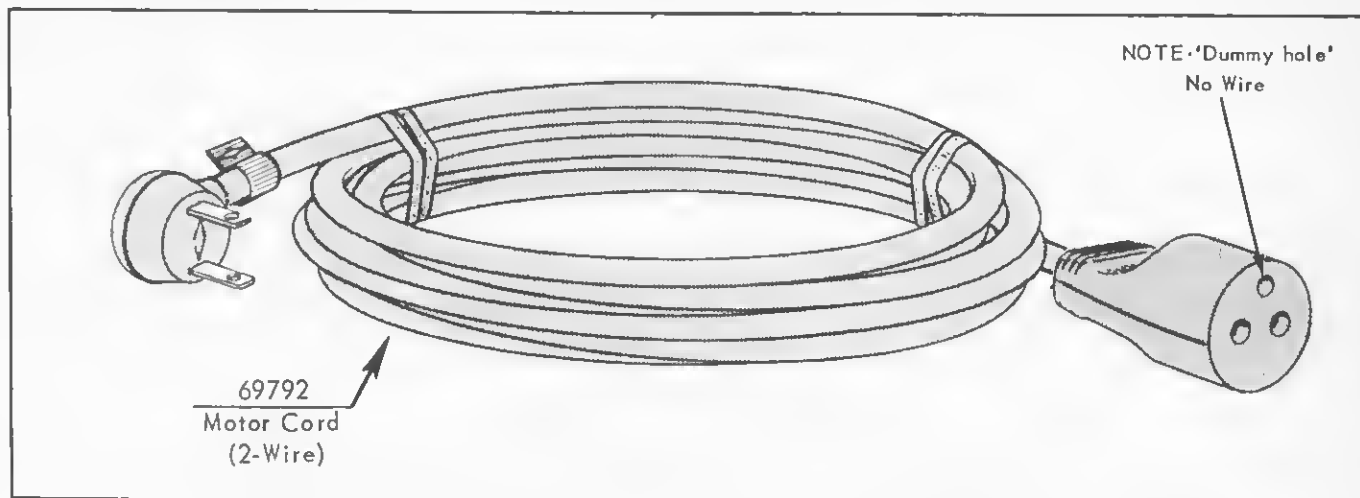
The cover cases, back plates, and motor cards used in conjunction with the two different motor plugs are NOT INTERCHANGEABLE. Consult chart below for correct usage.

60-9278x1 MOTOR UNIT
With 60-7780 PLUG
USE

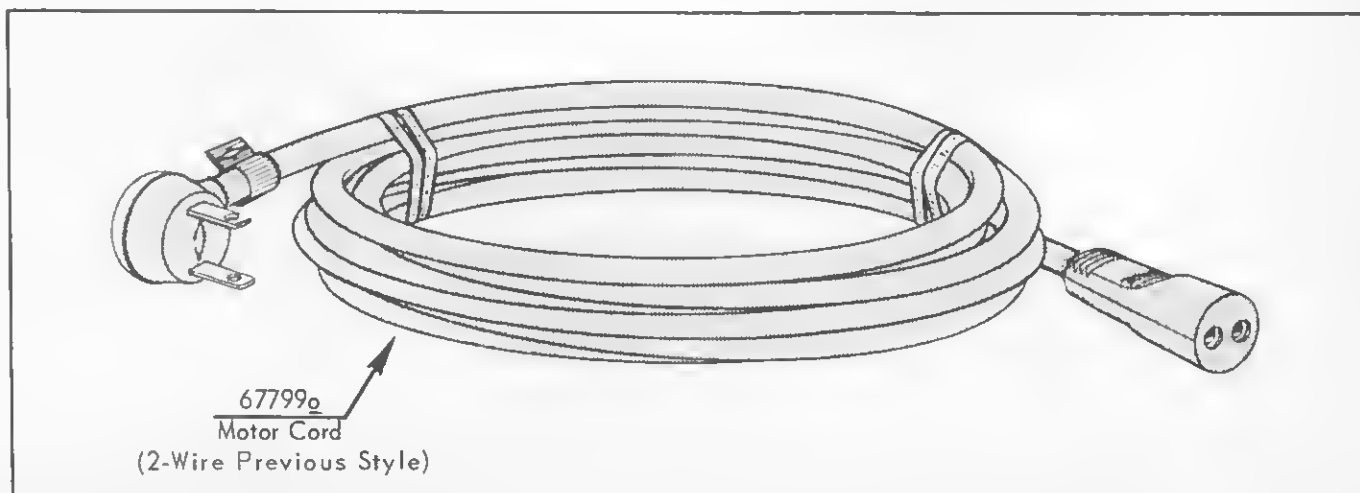
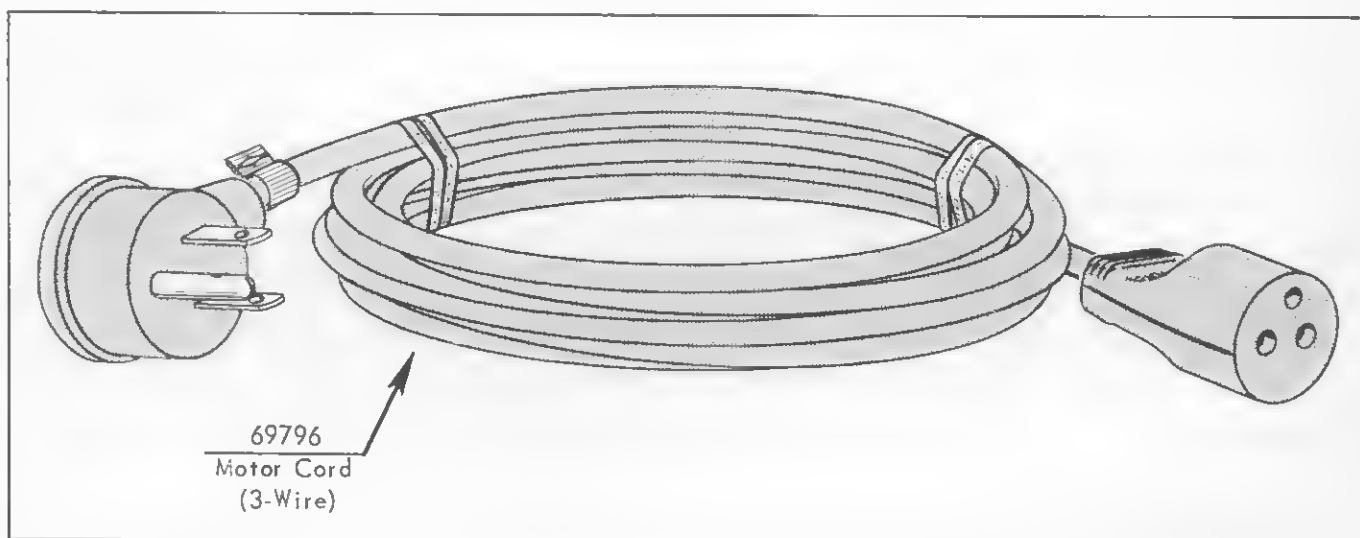
60-9278 MOTOR UNIT
(Previous Style)
With 40-7790 PLUG
USE

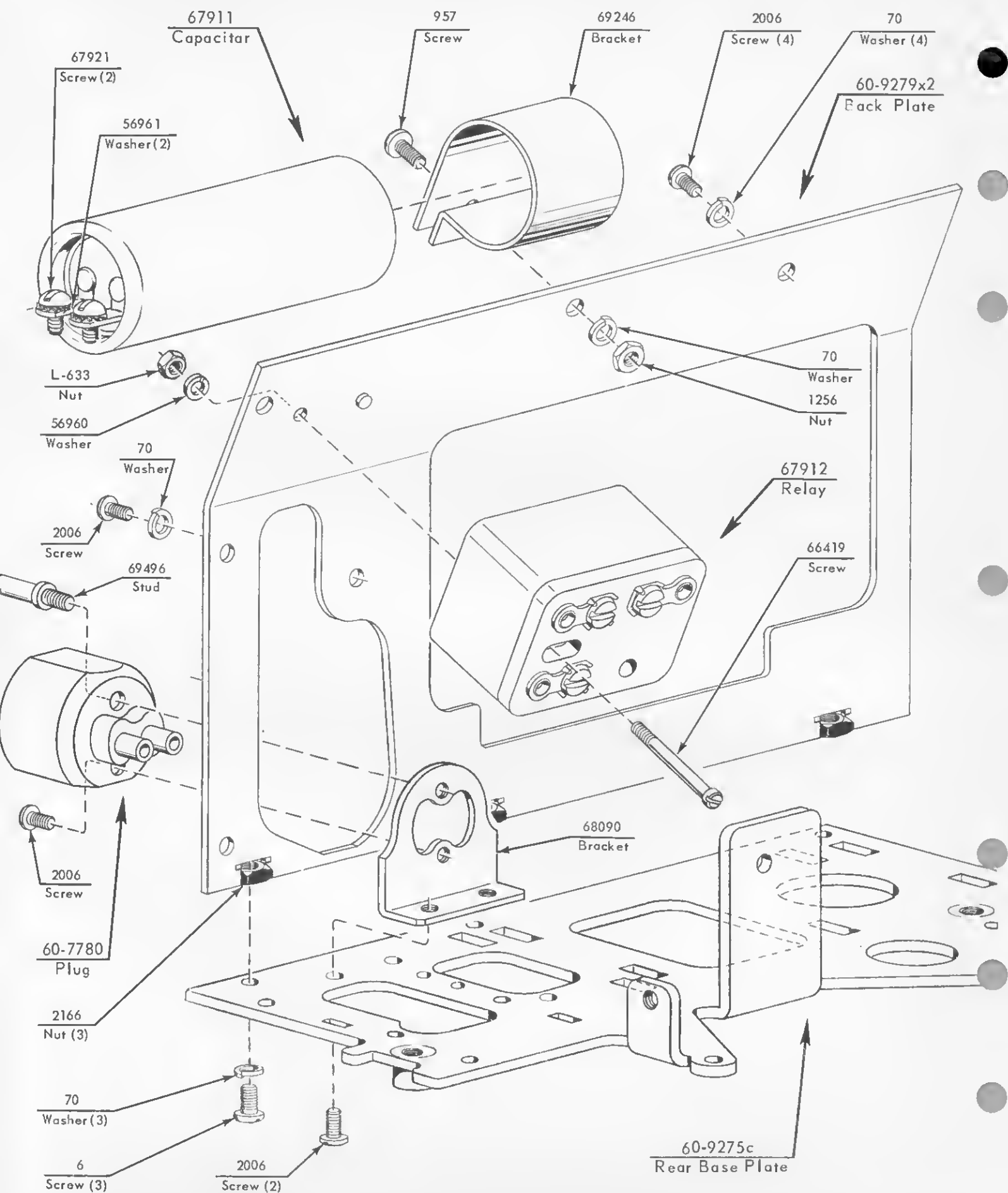
	Part No.	Page	Part No.	Page
COVER CASE	60-662½x3	B-3	60-662½x2	B-2
BACK PLATE	60-9279 x2	F-6	60-9279x1	F-3
MOTOR CORD	69792 or 69796	F-5	67799a	F-5

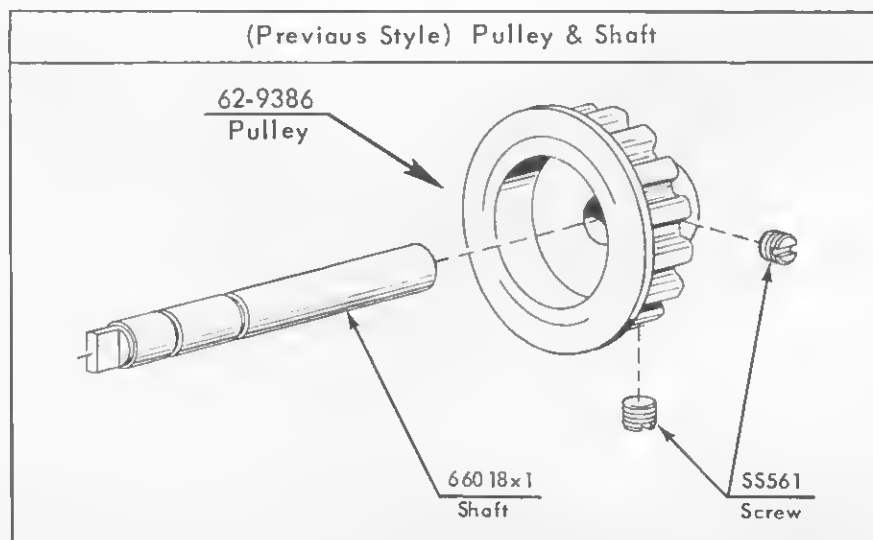
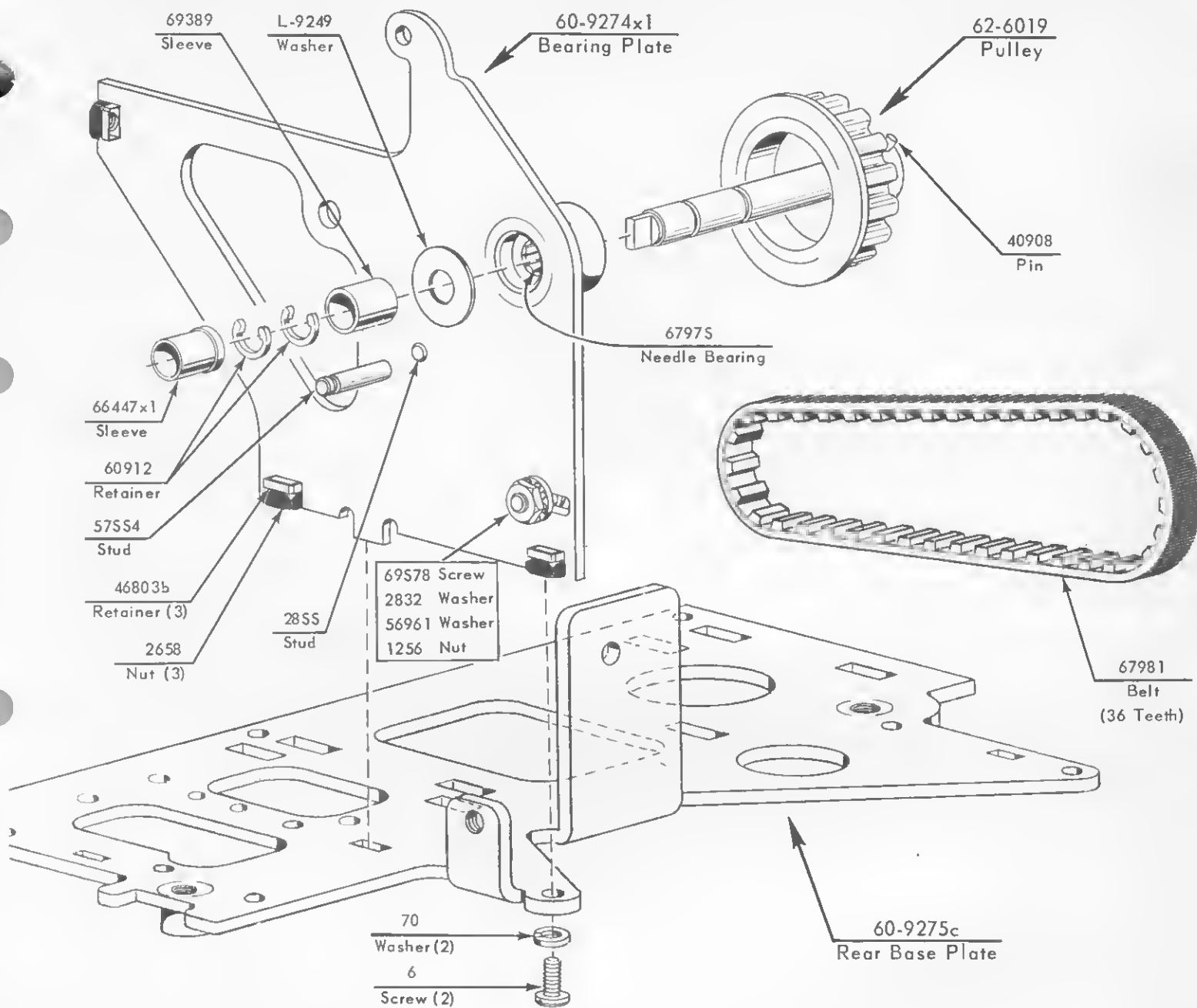


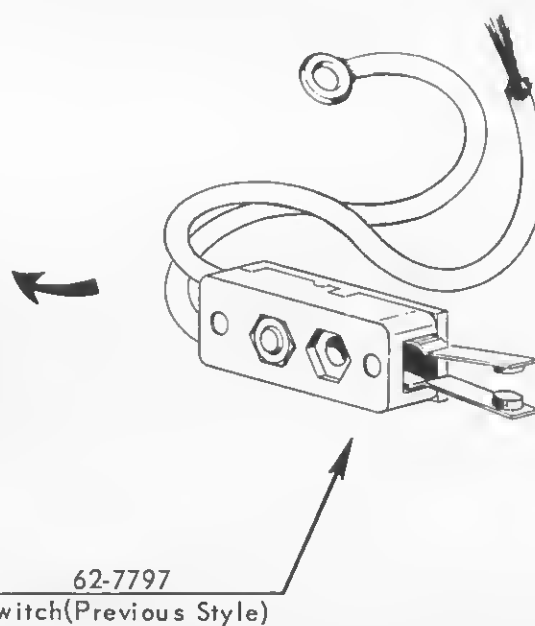
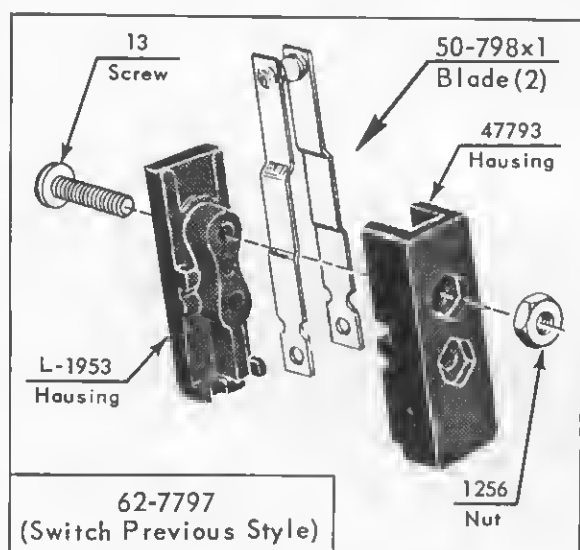
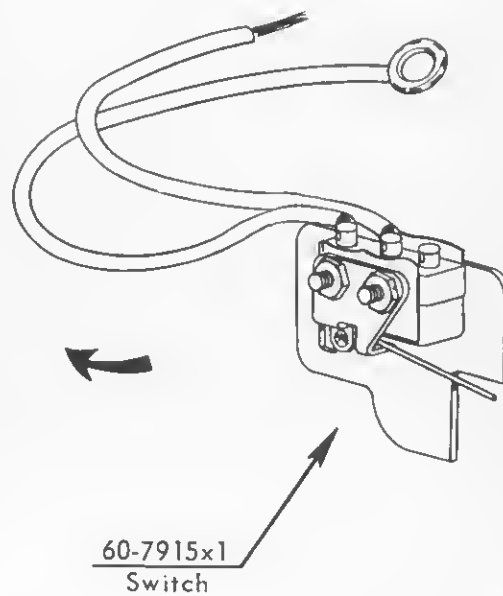
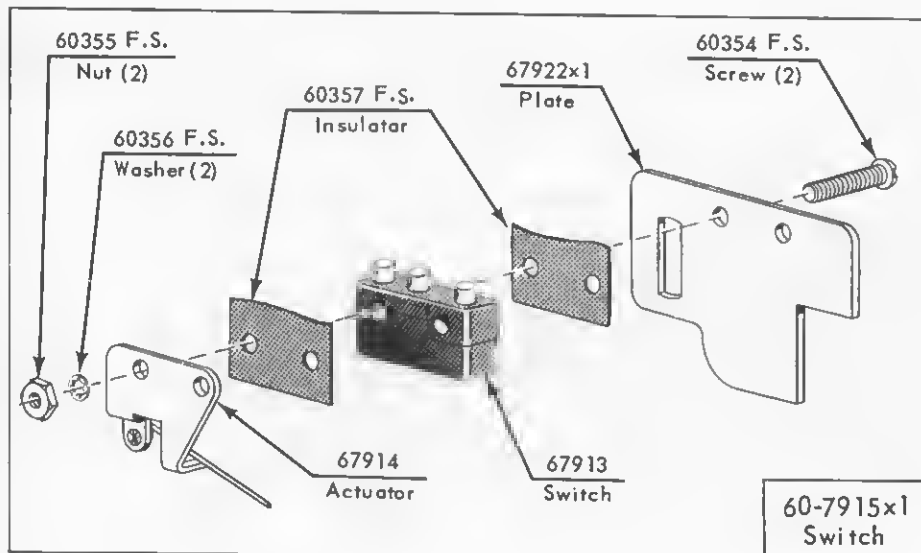


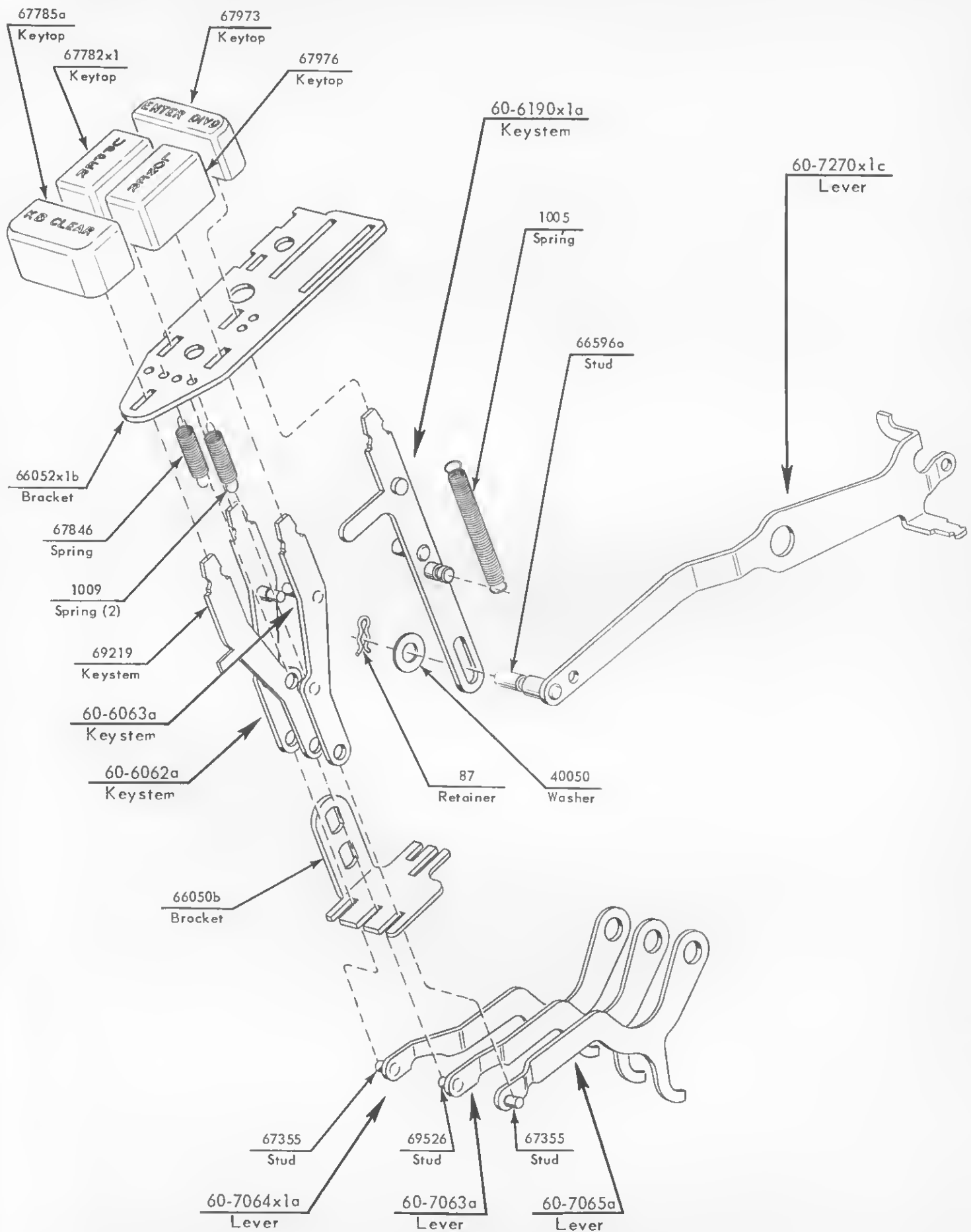
See Page F-3 for correct usage of Motor Cords

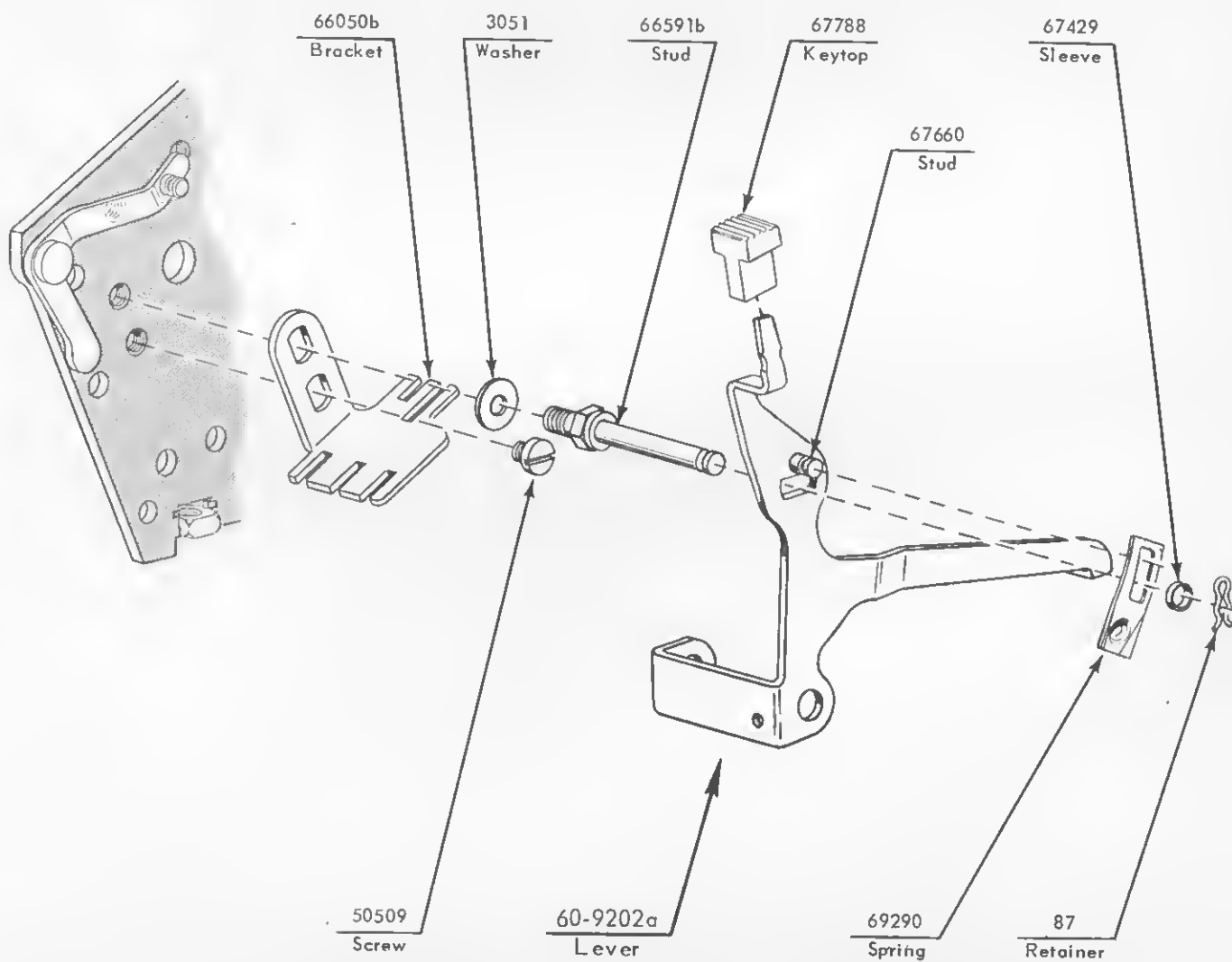
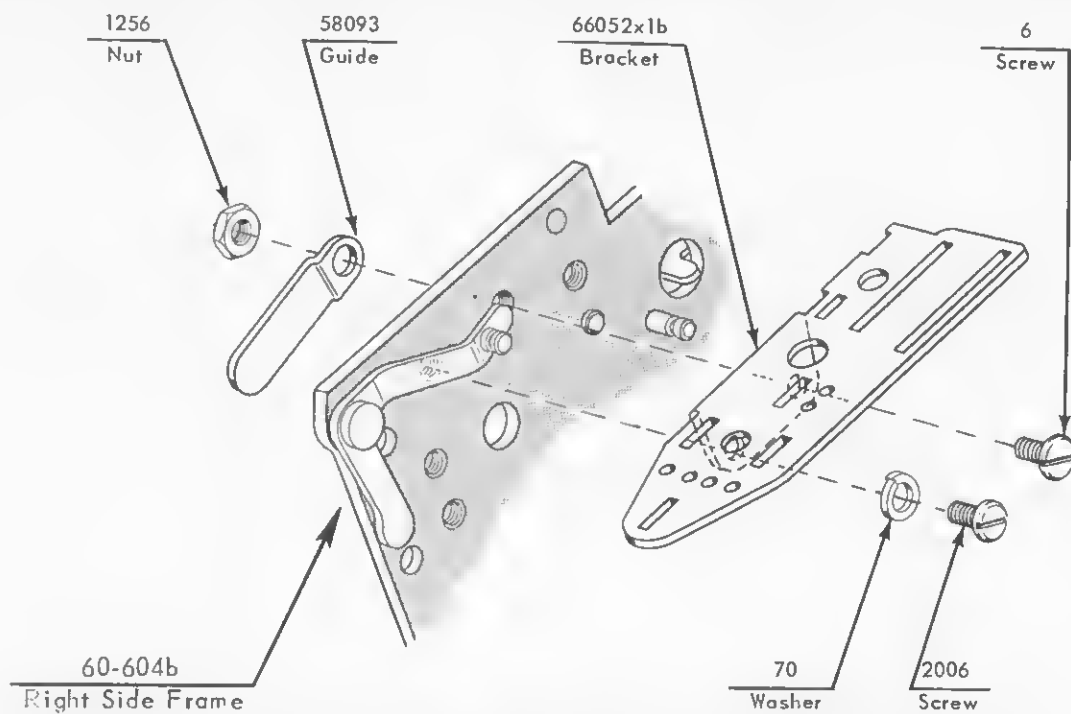


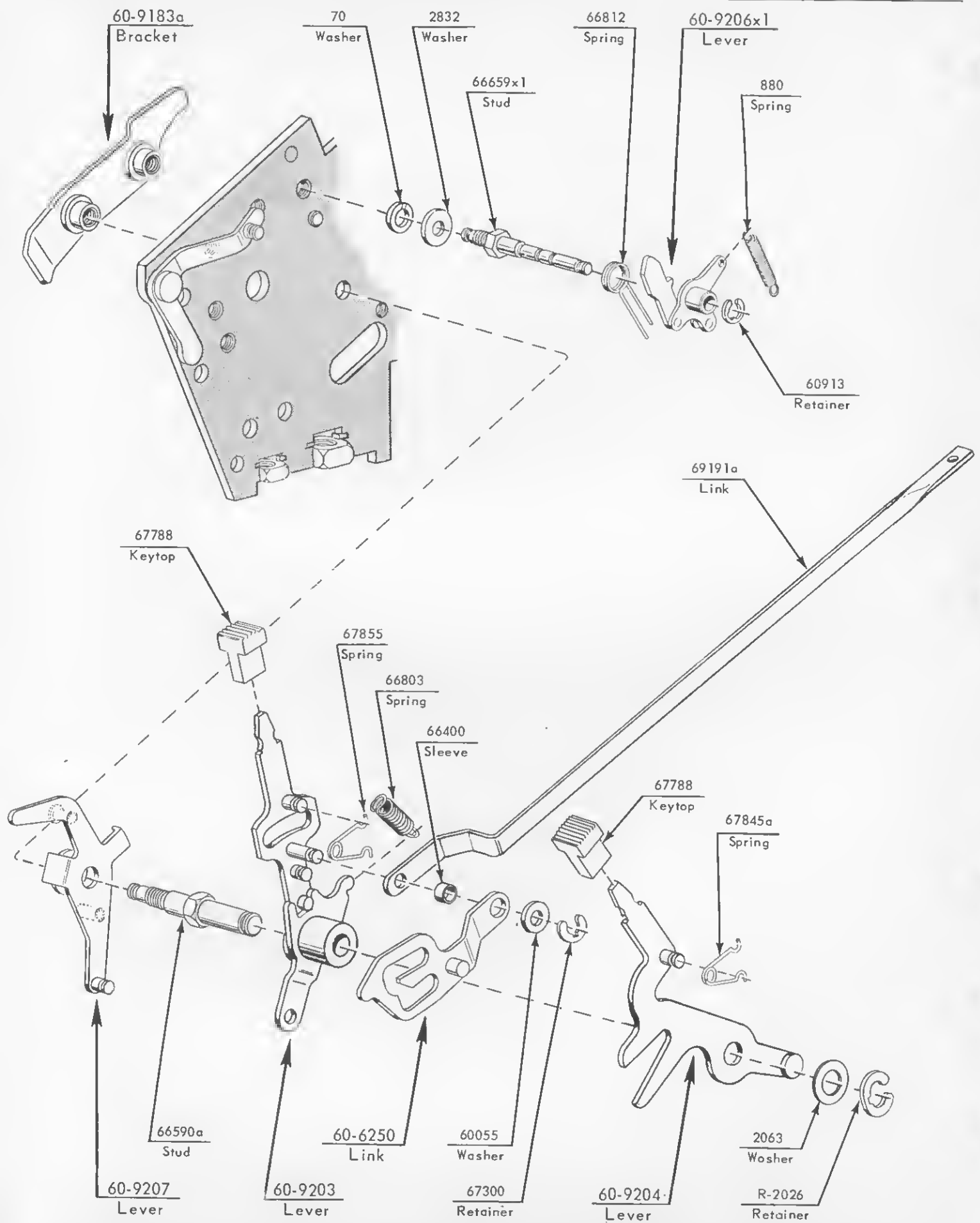


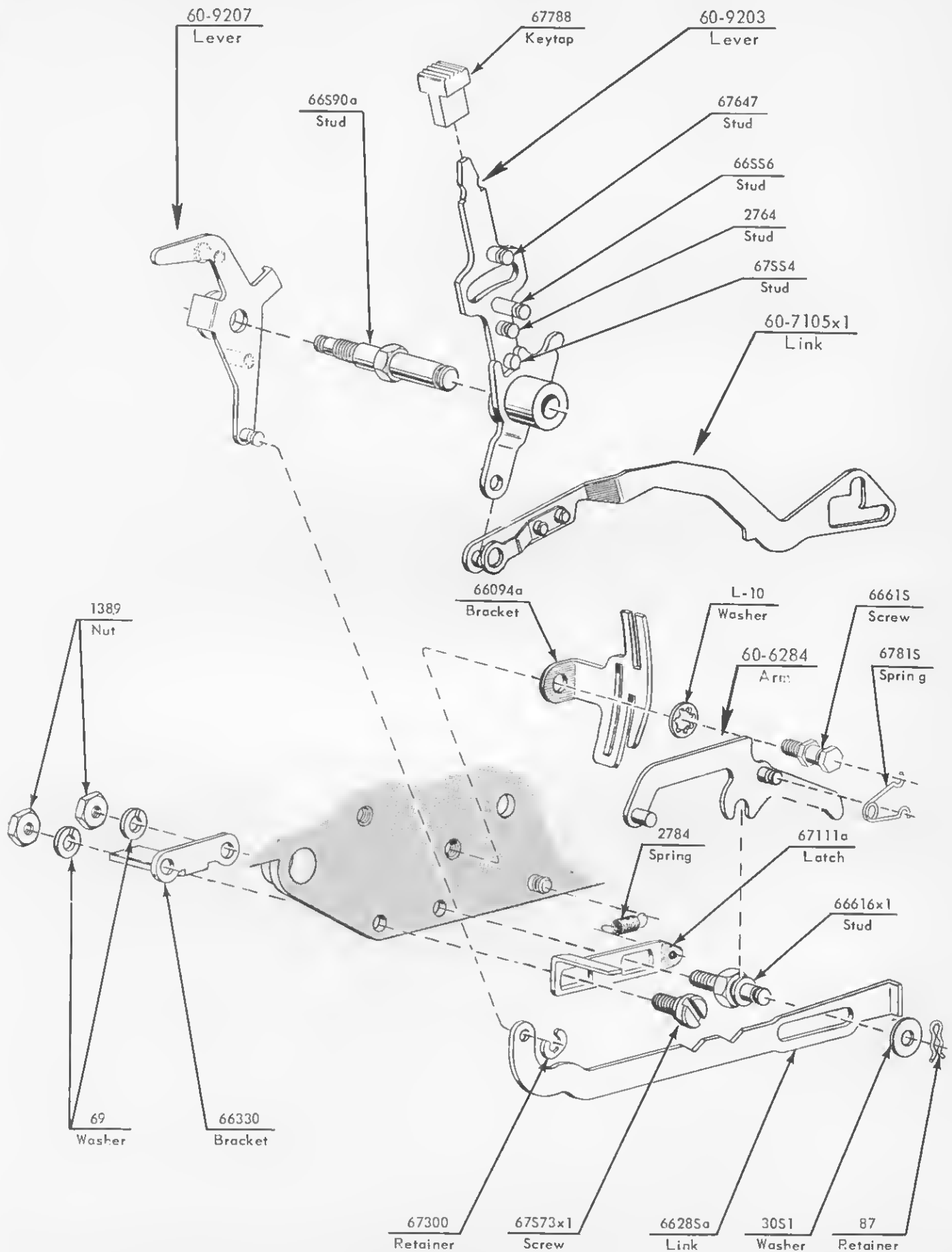


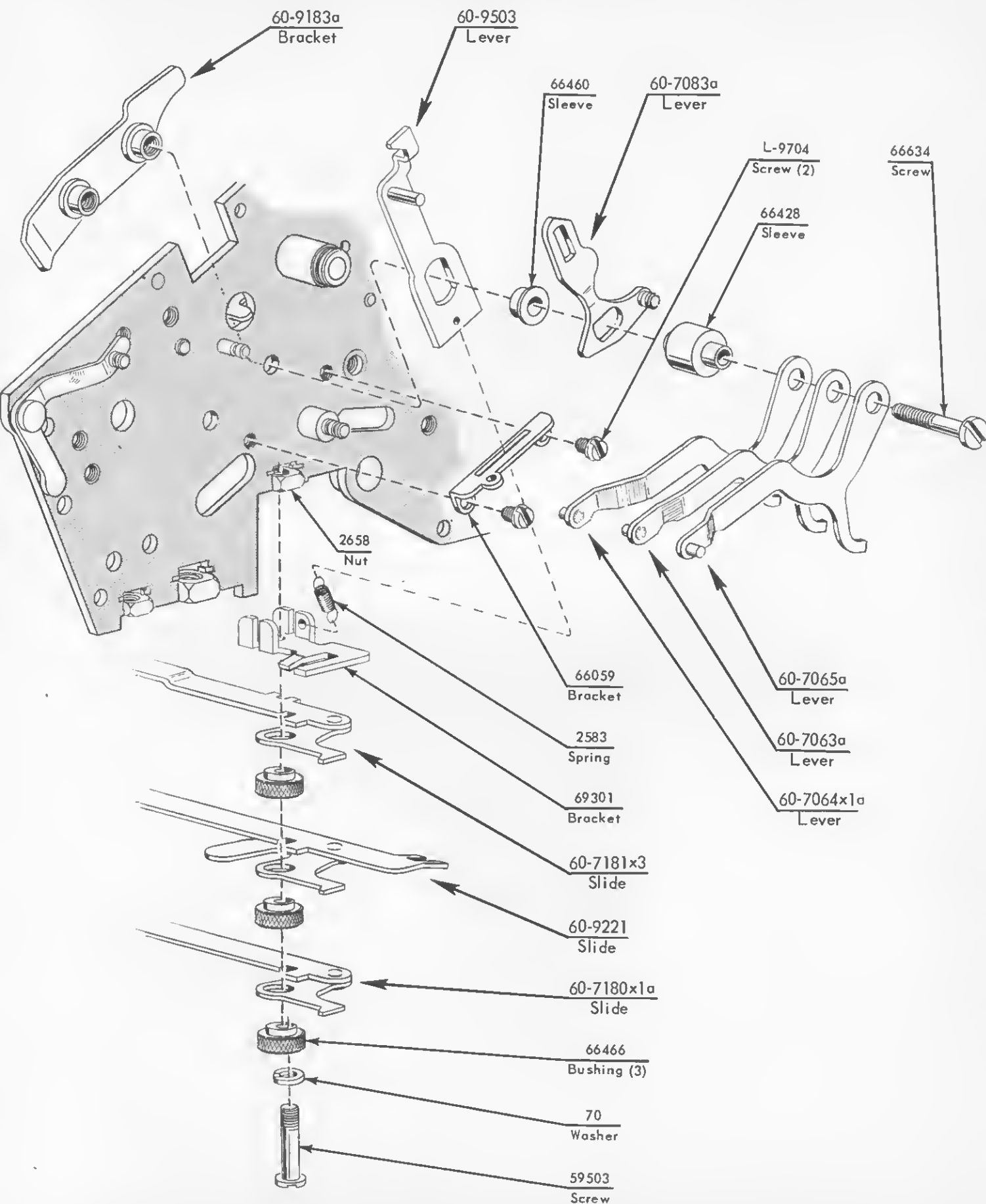


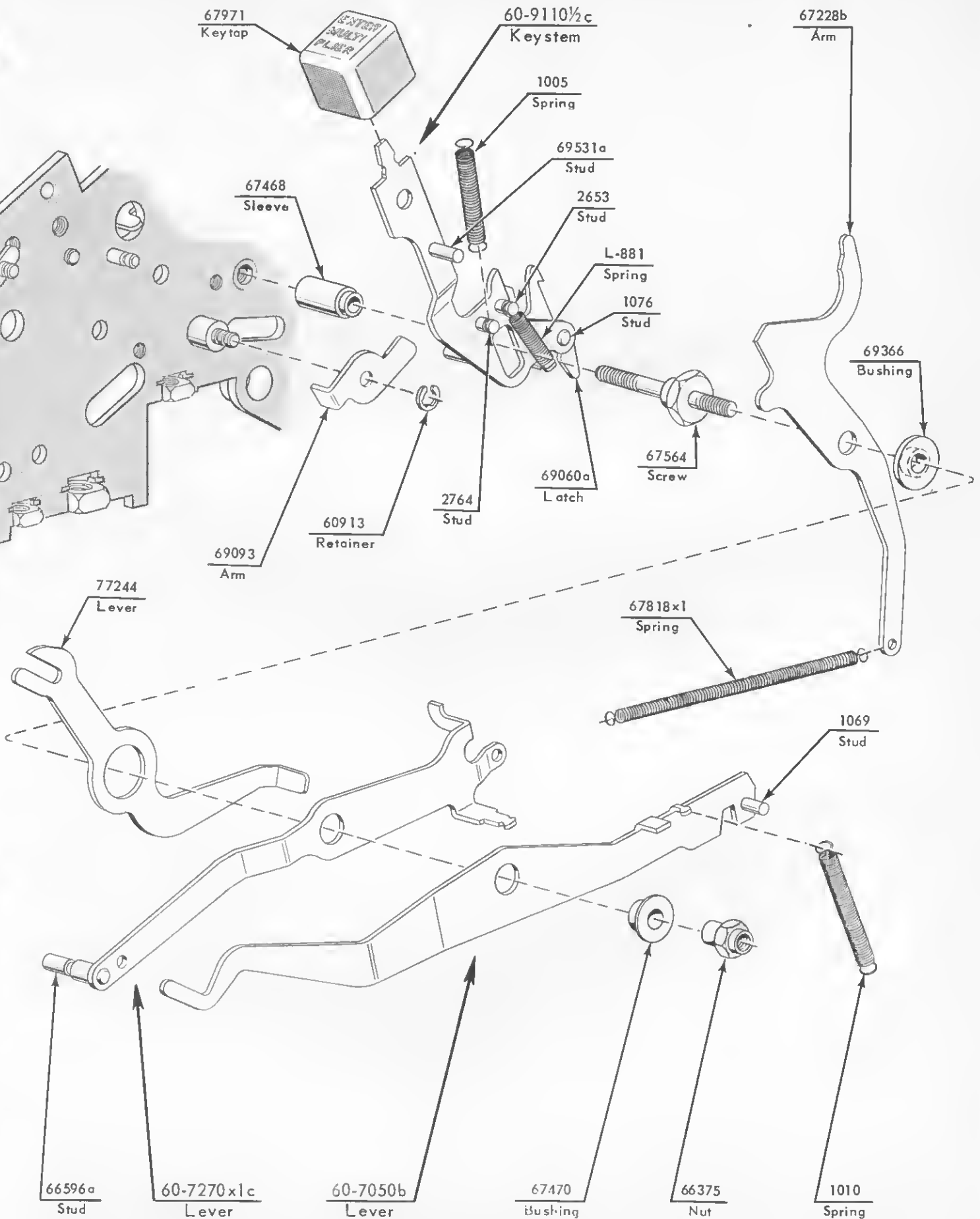


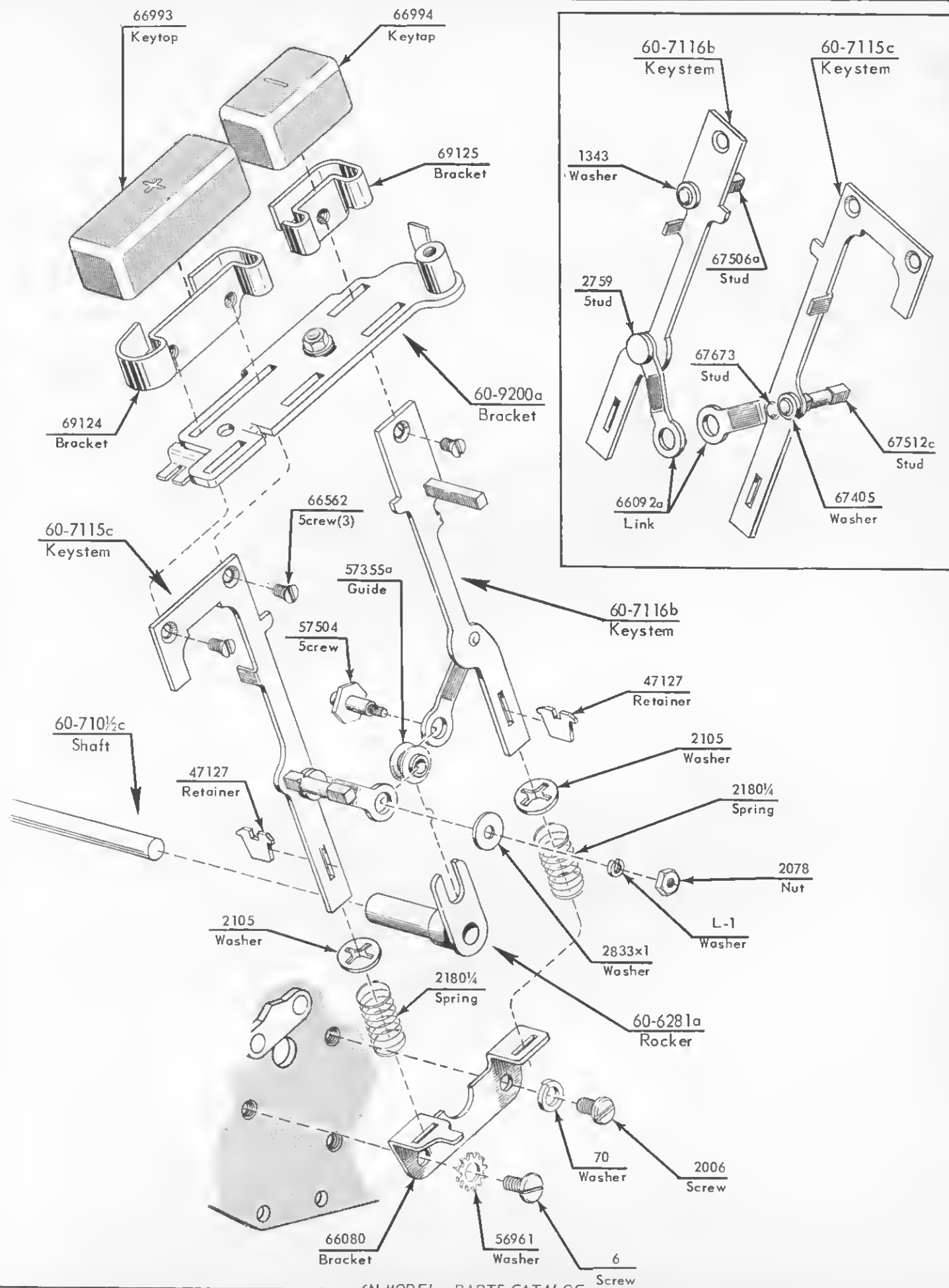


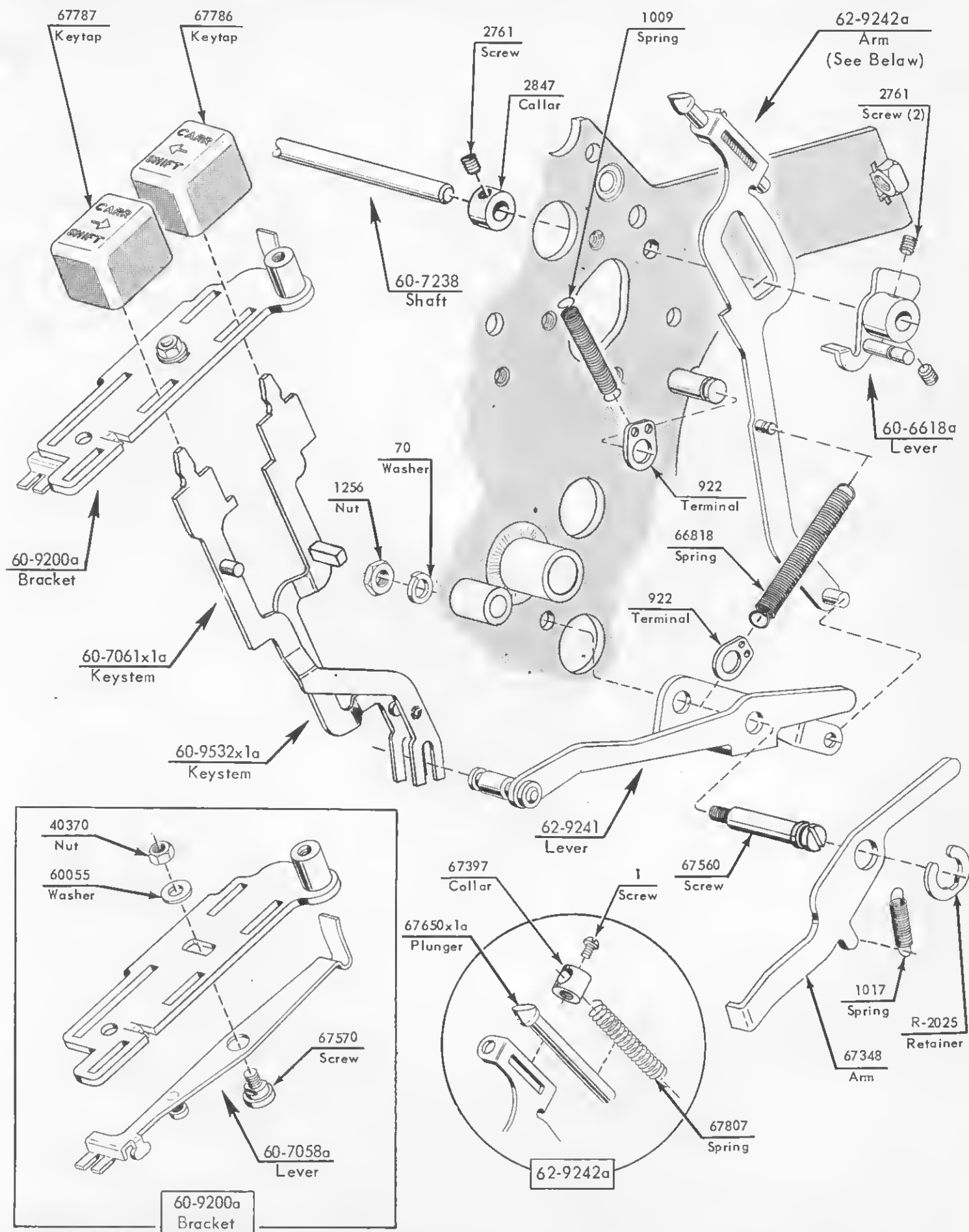


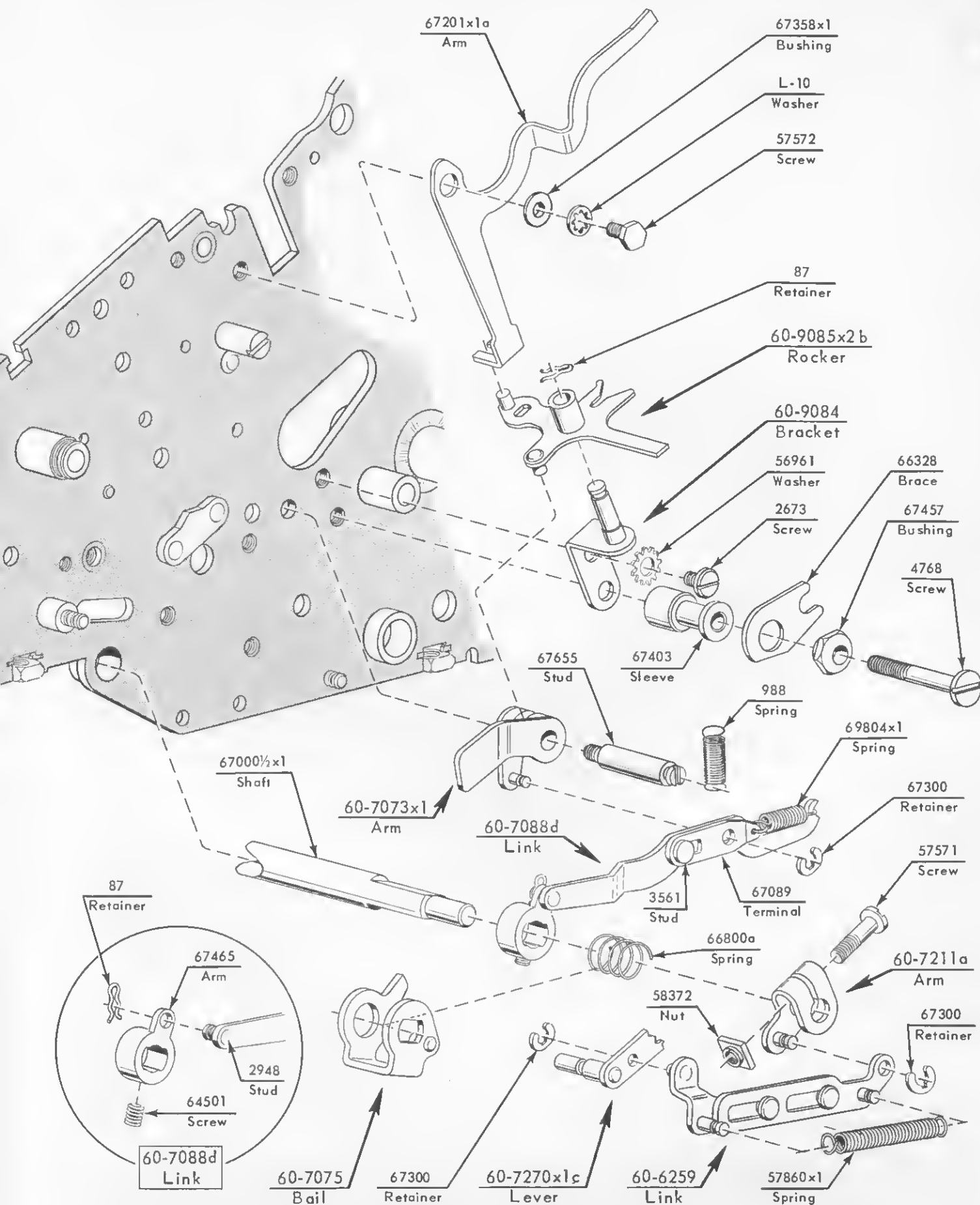


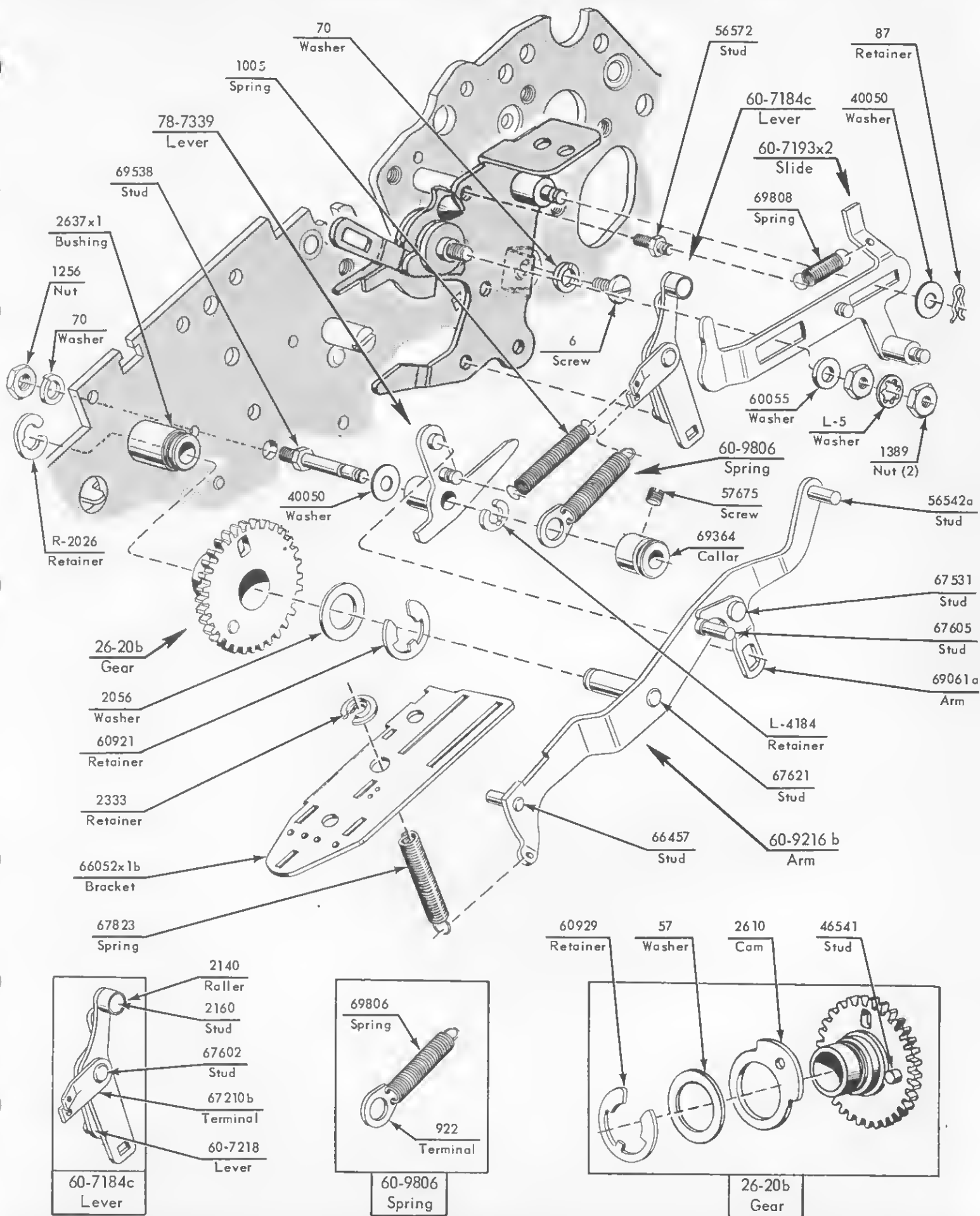


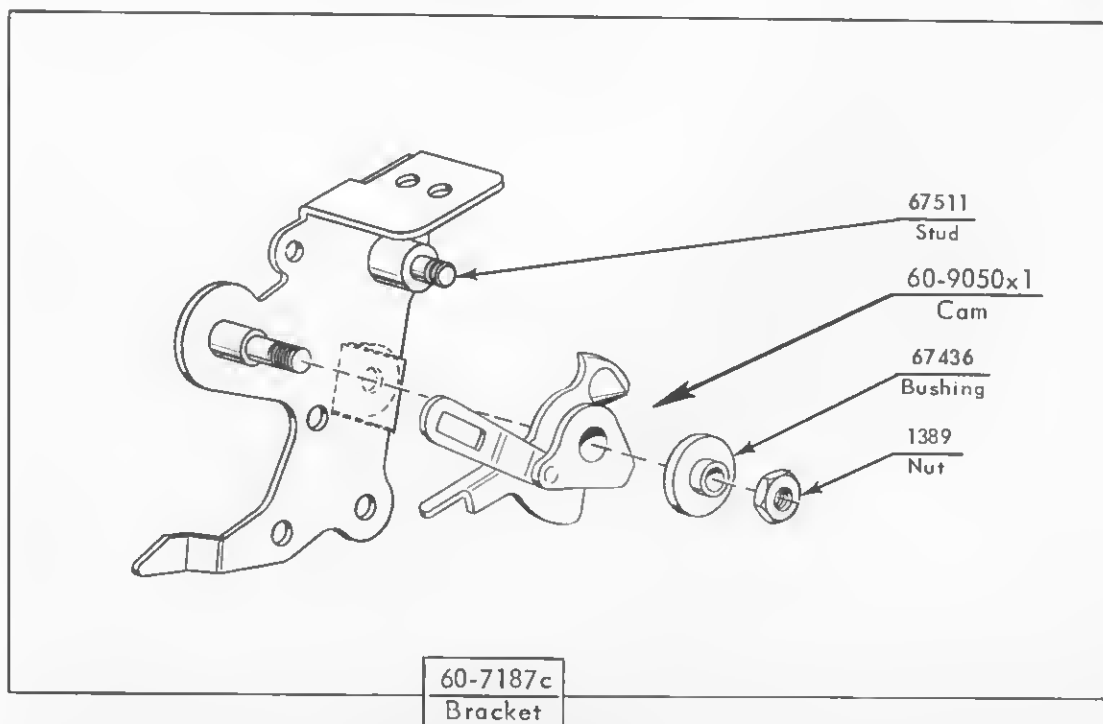
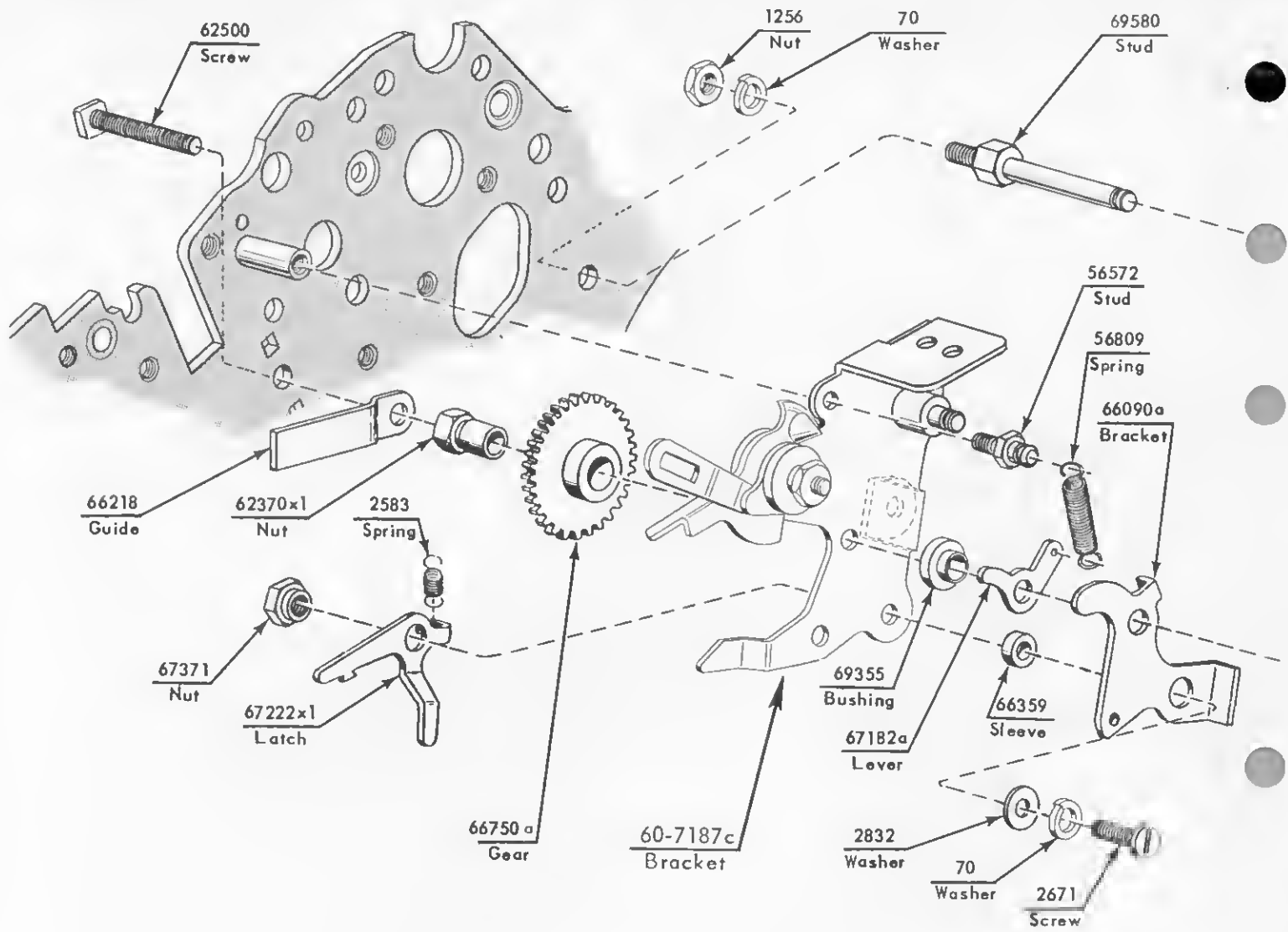


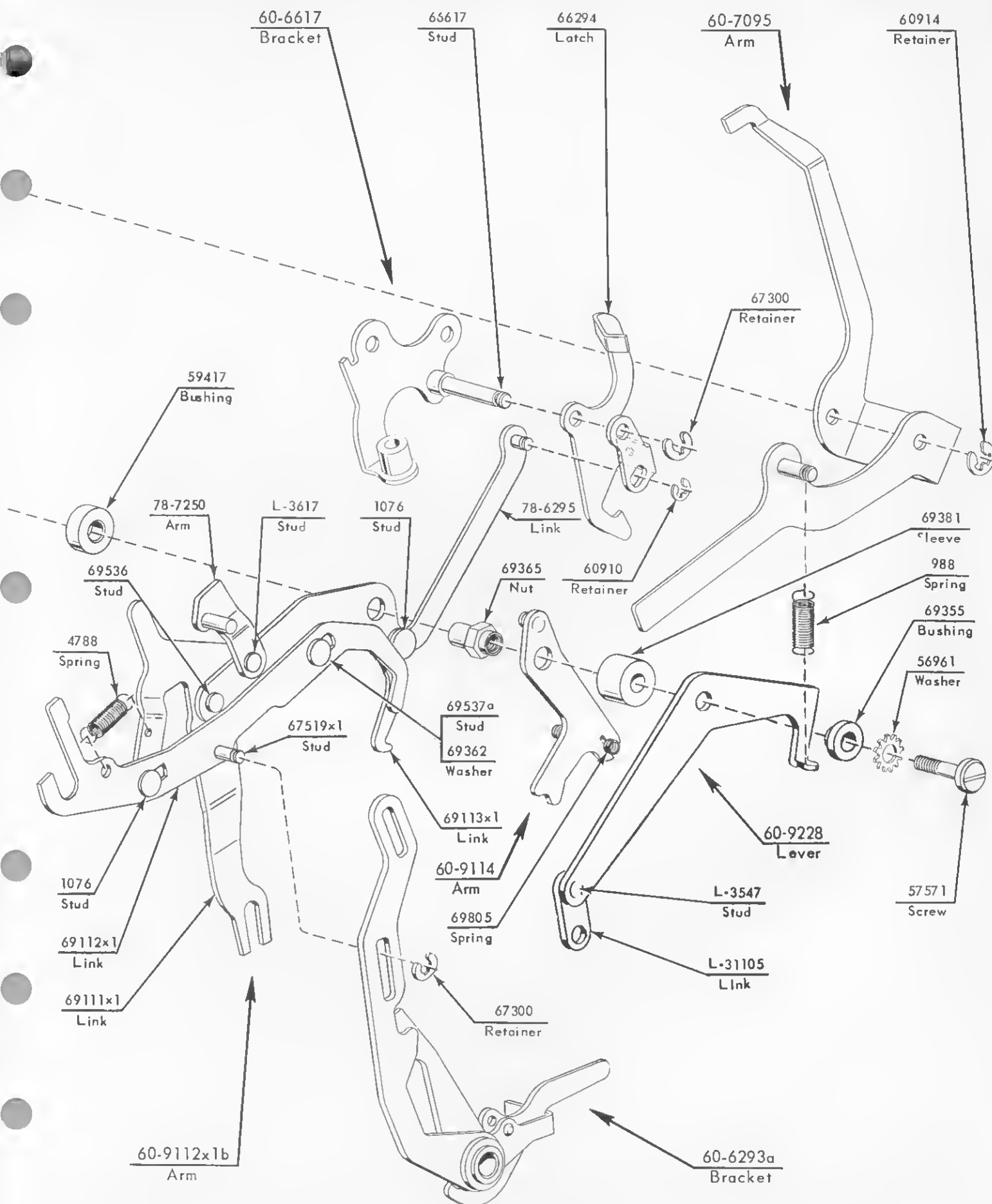


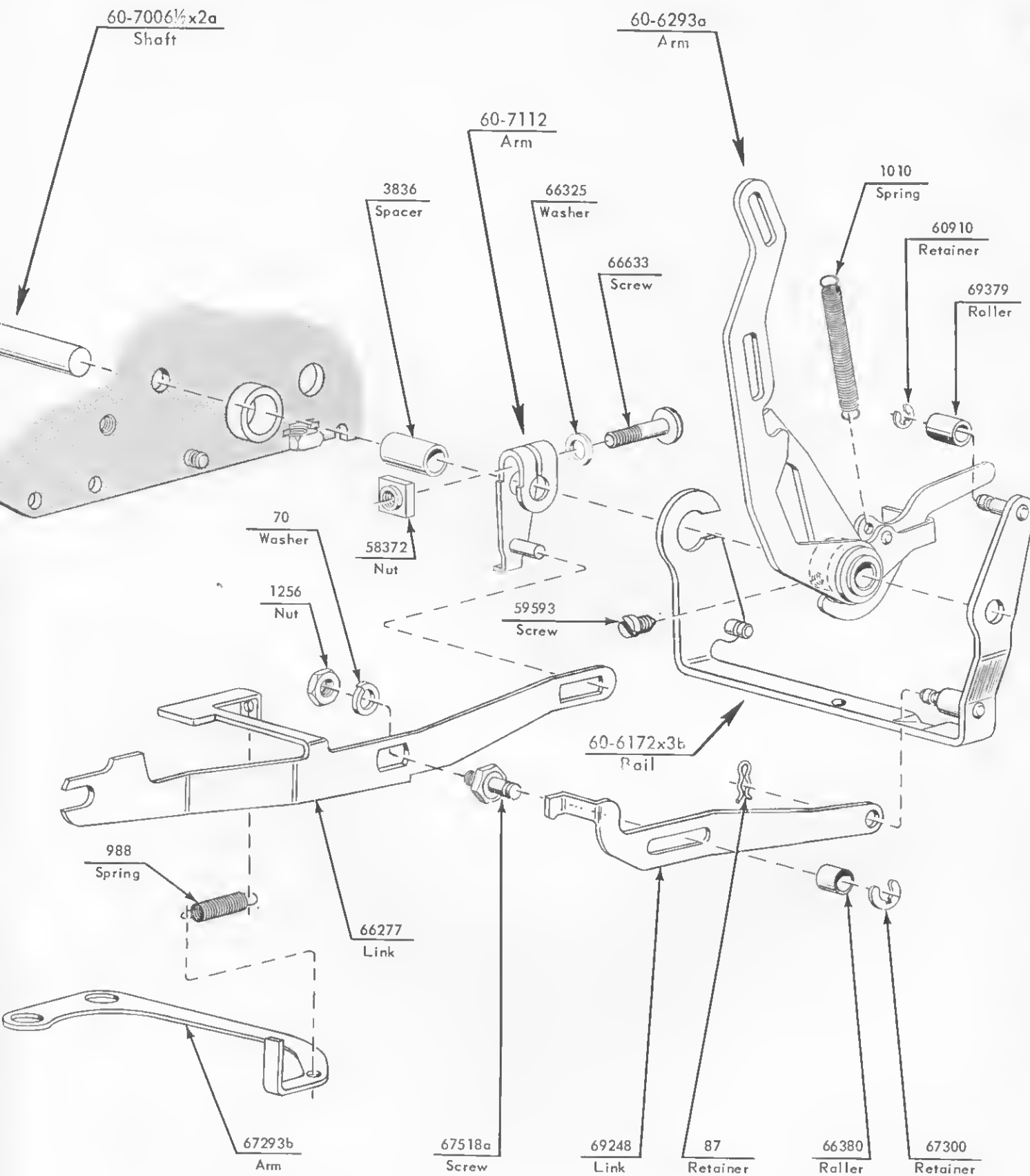


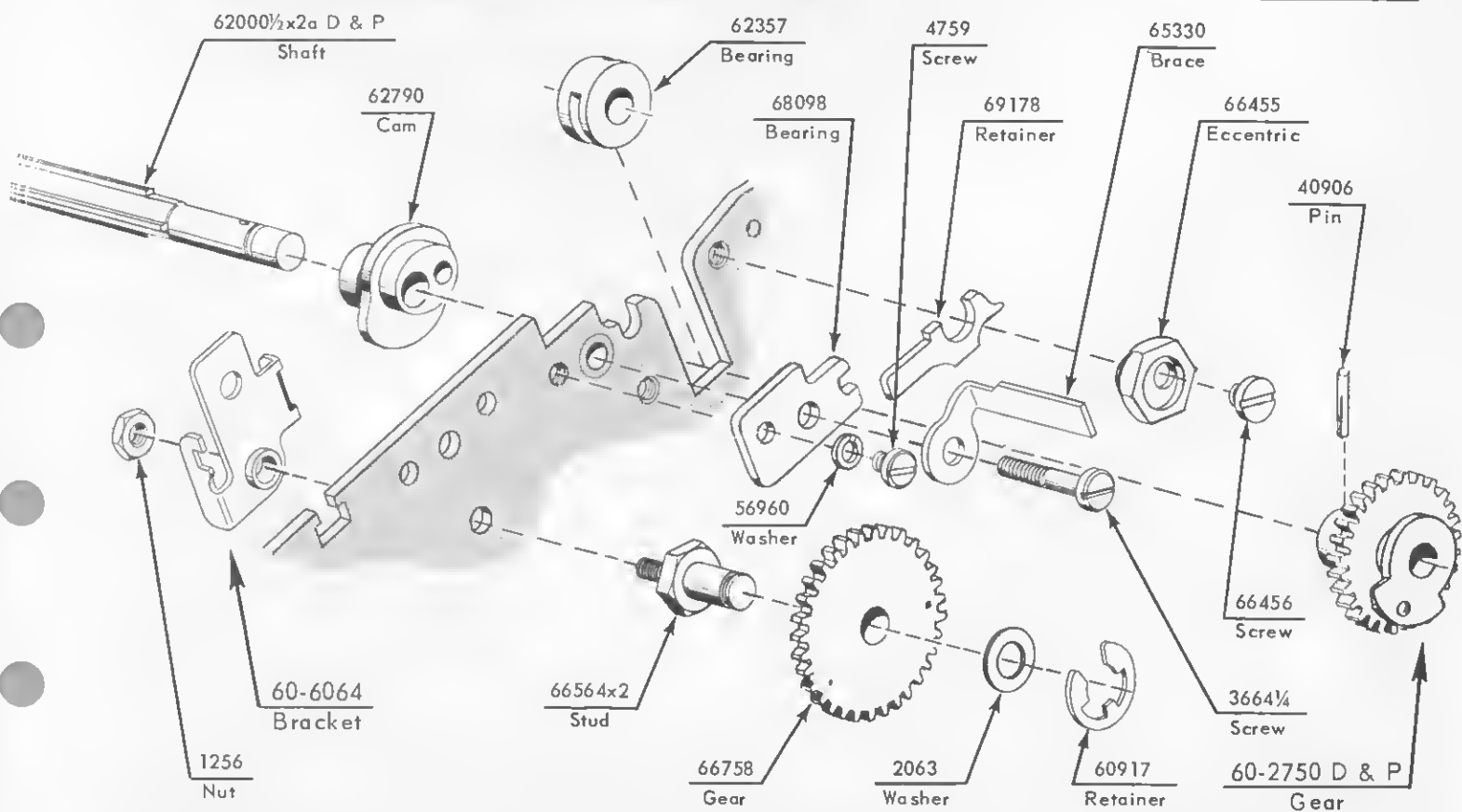
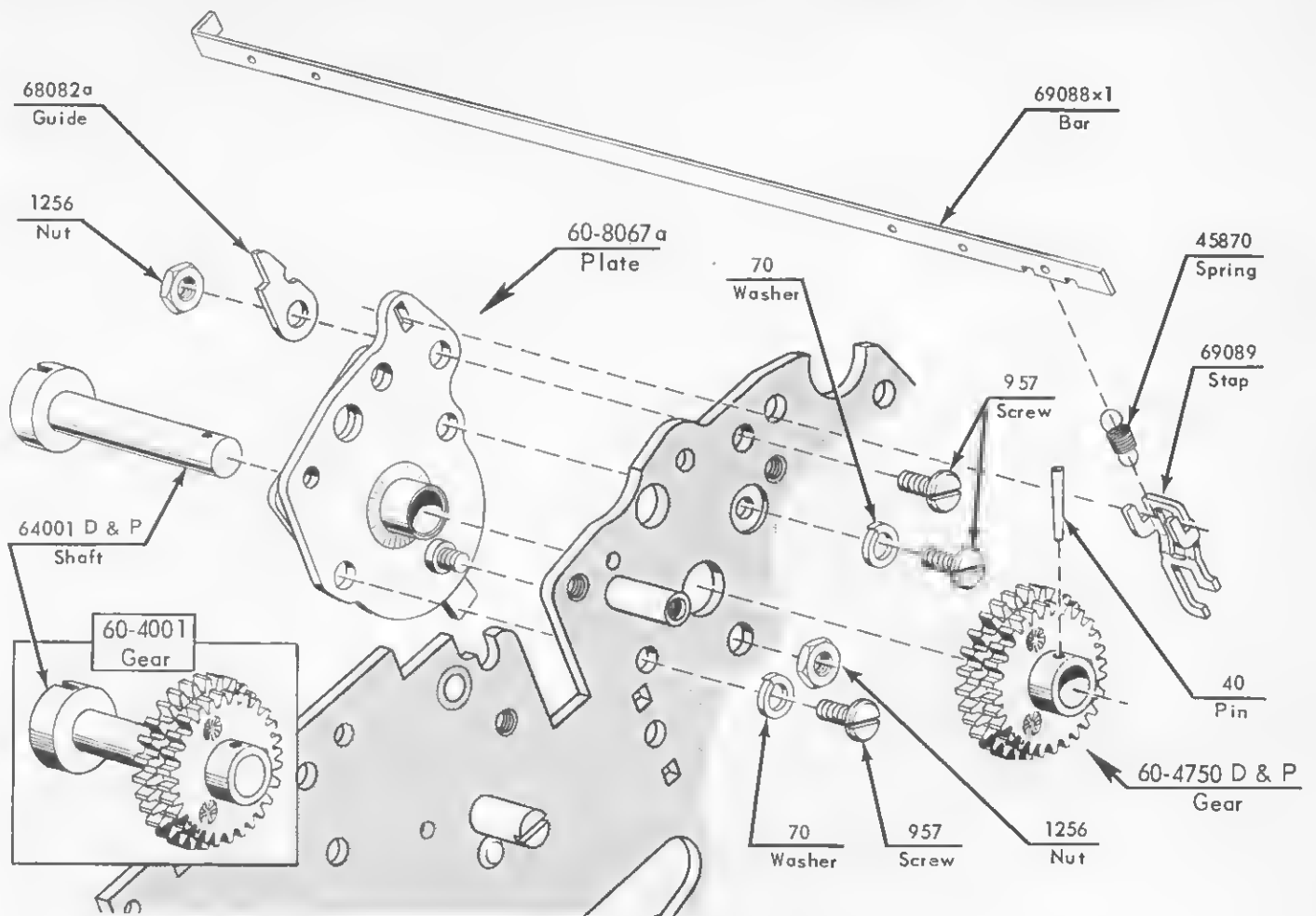


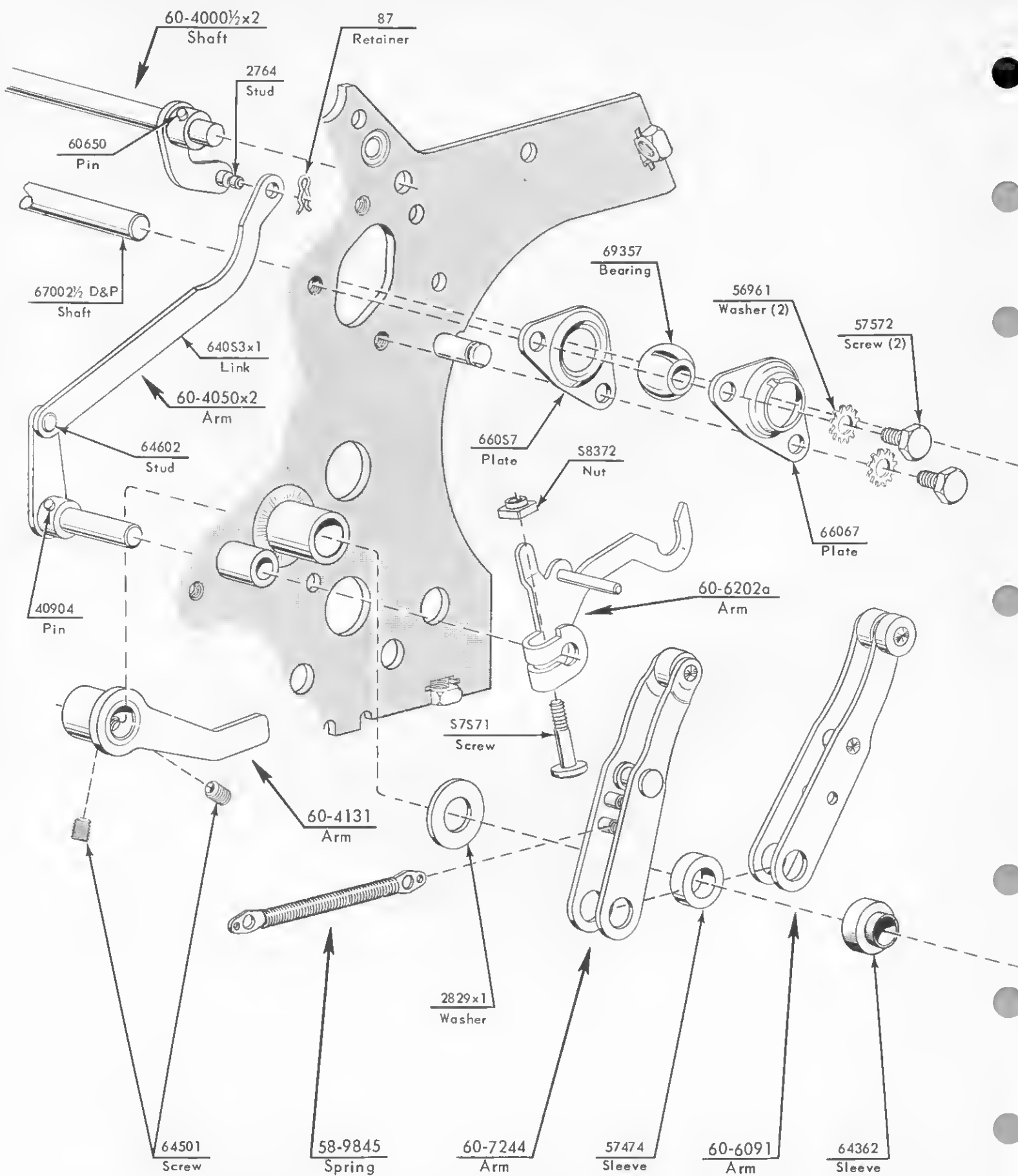


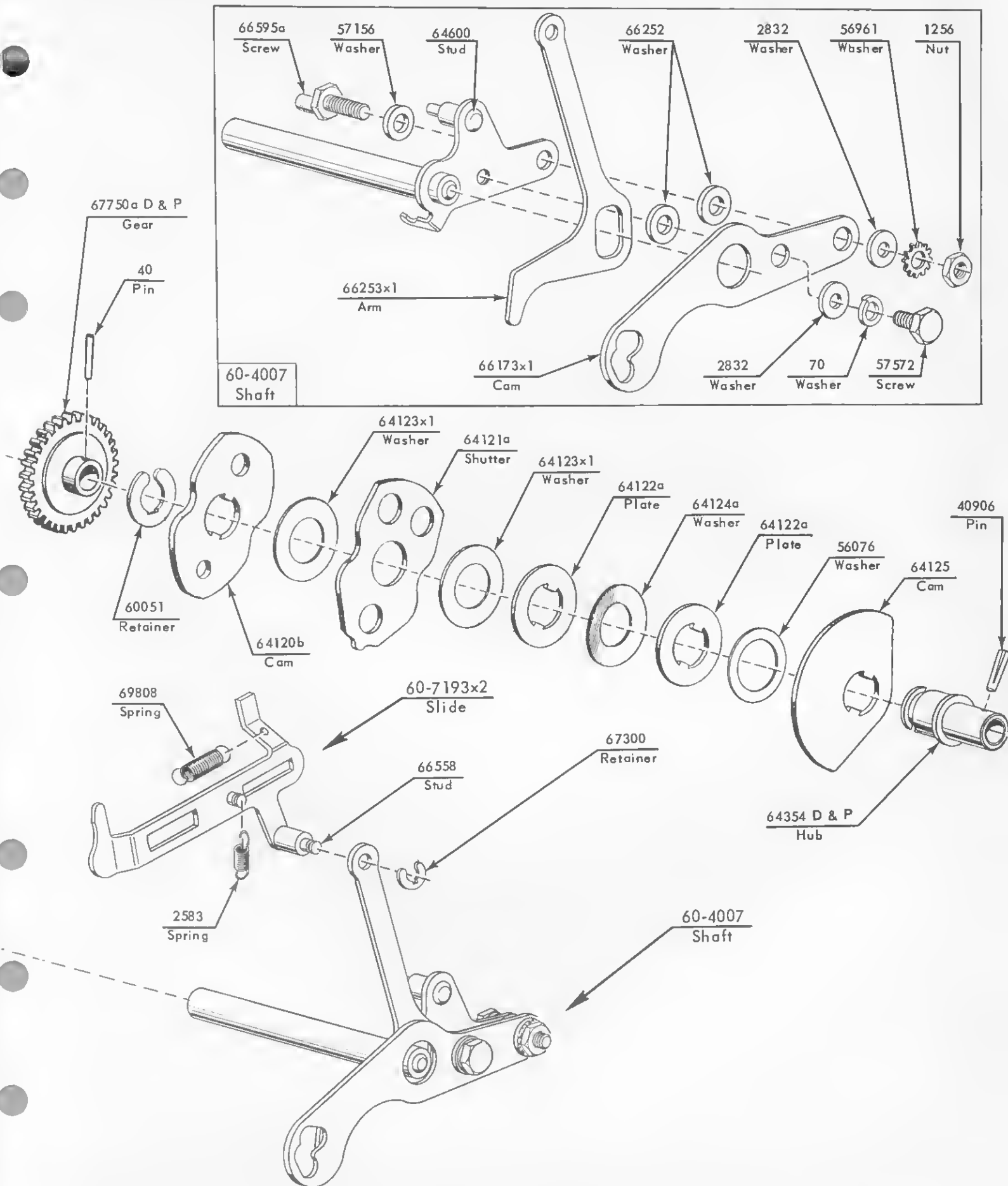


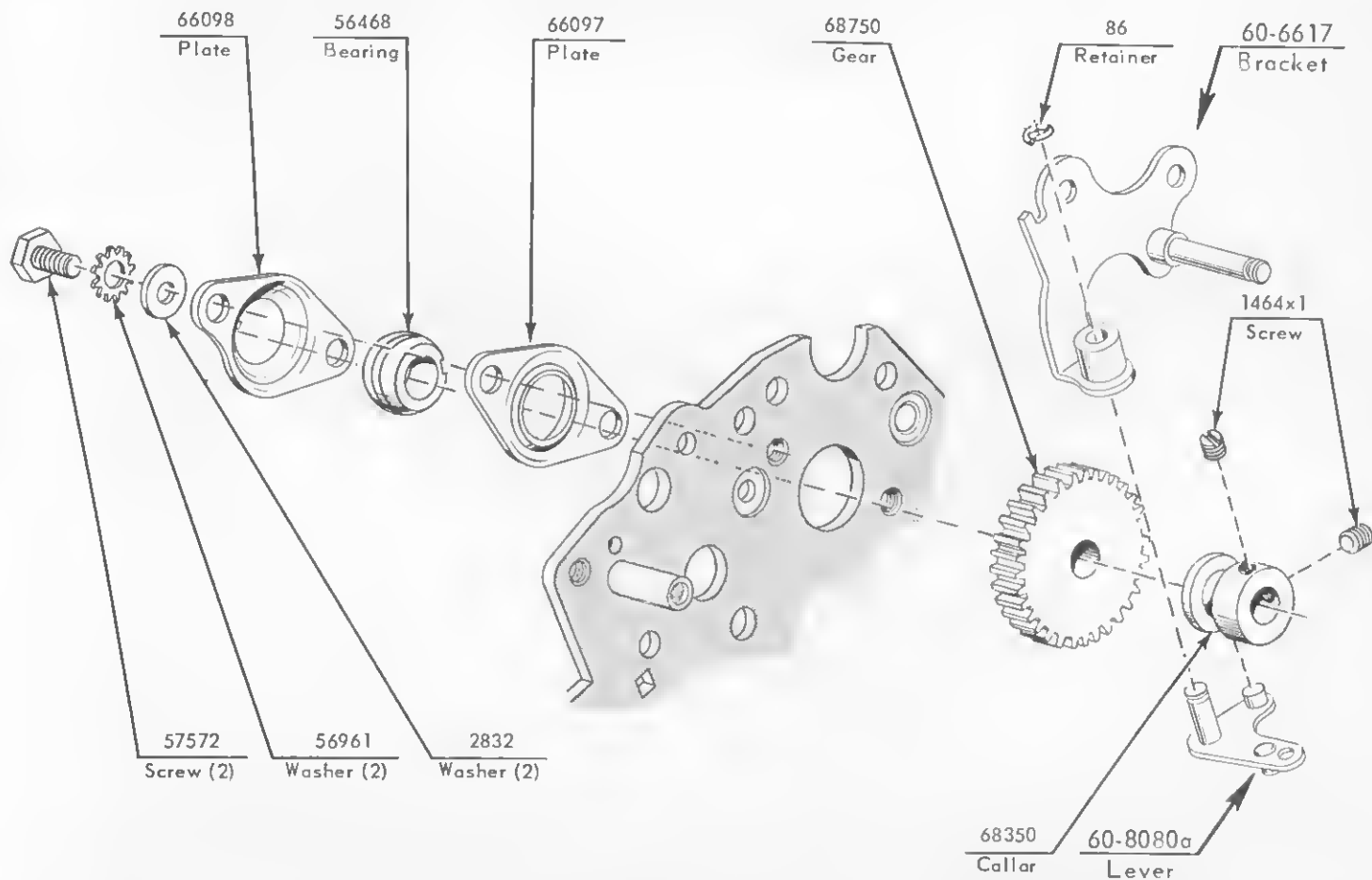
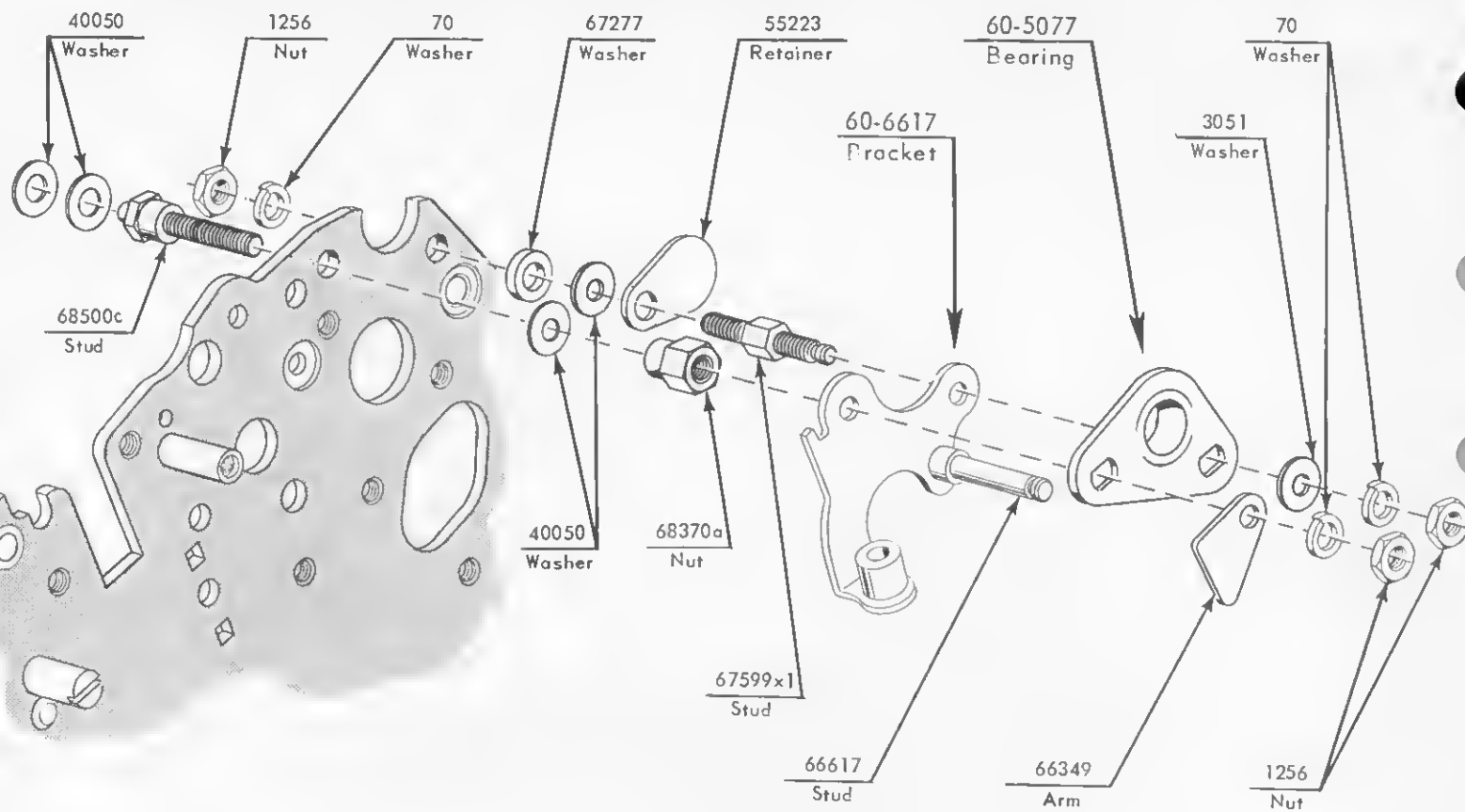






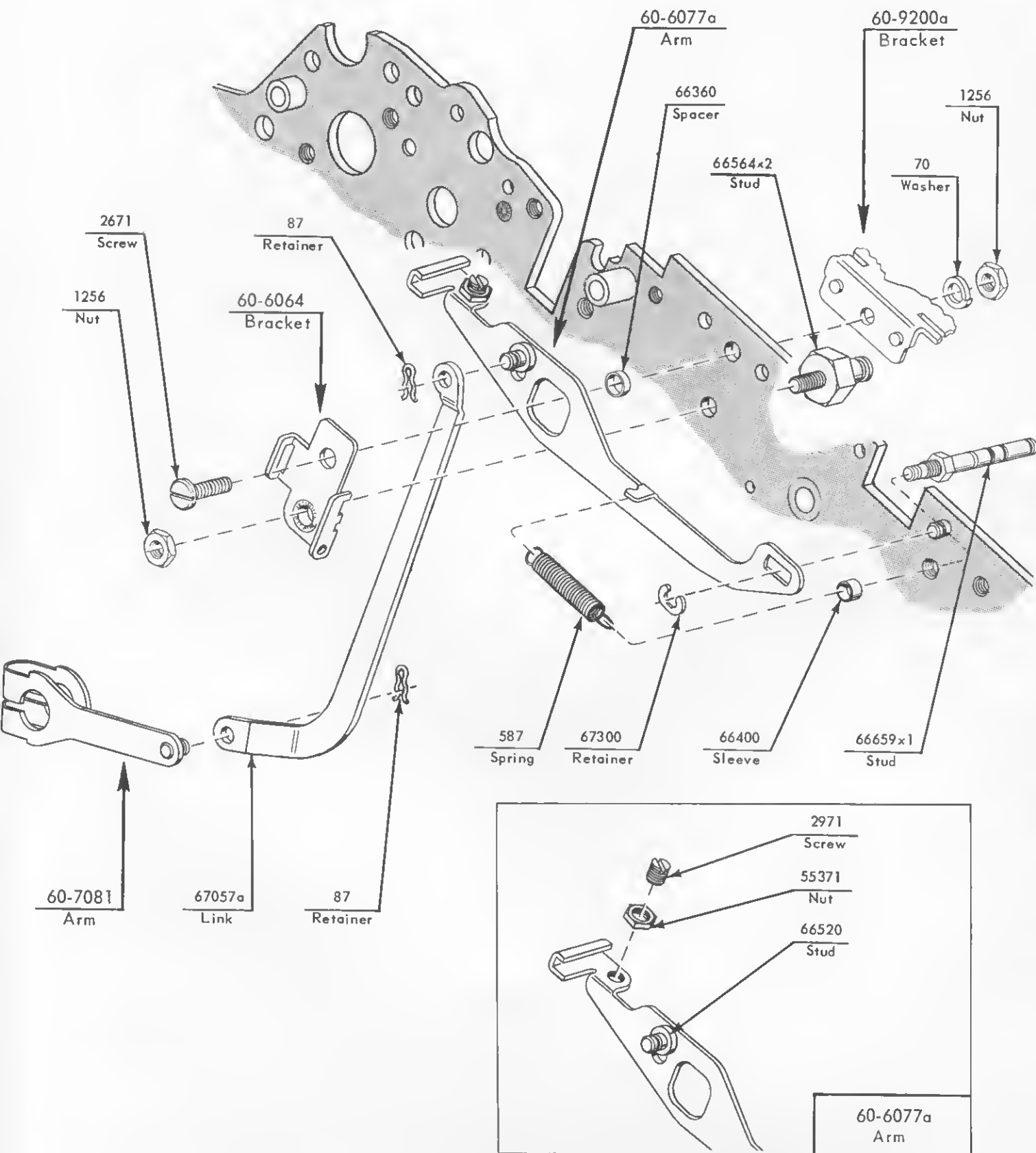


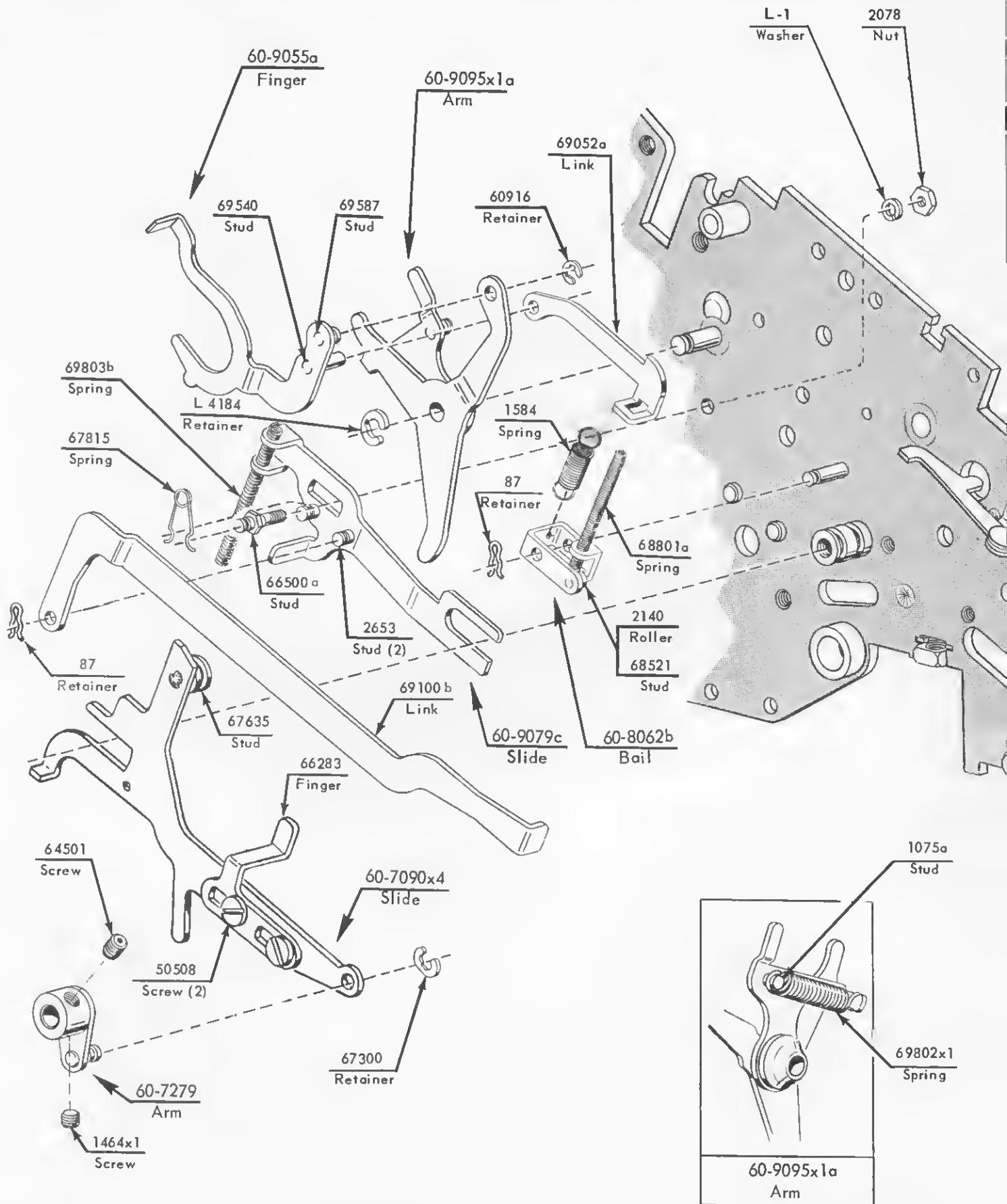


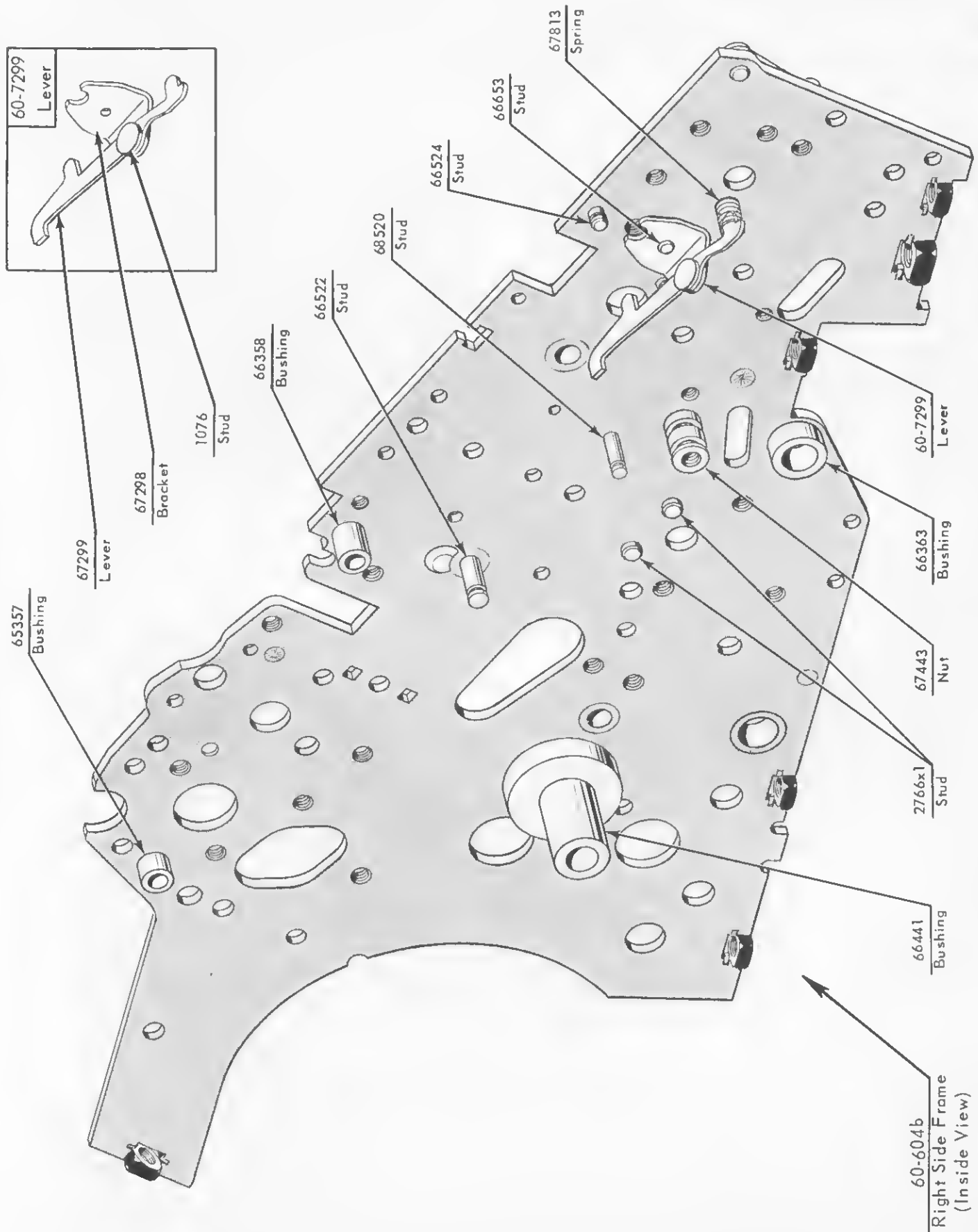


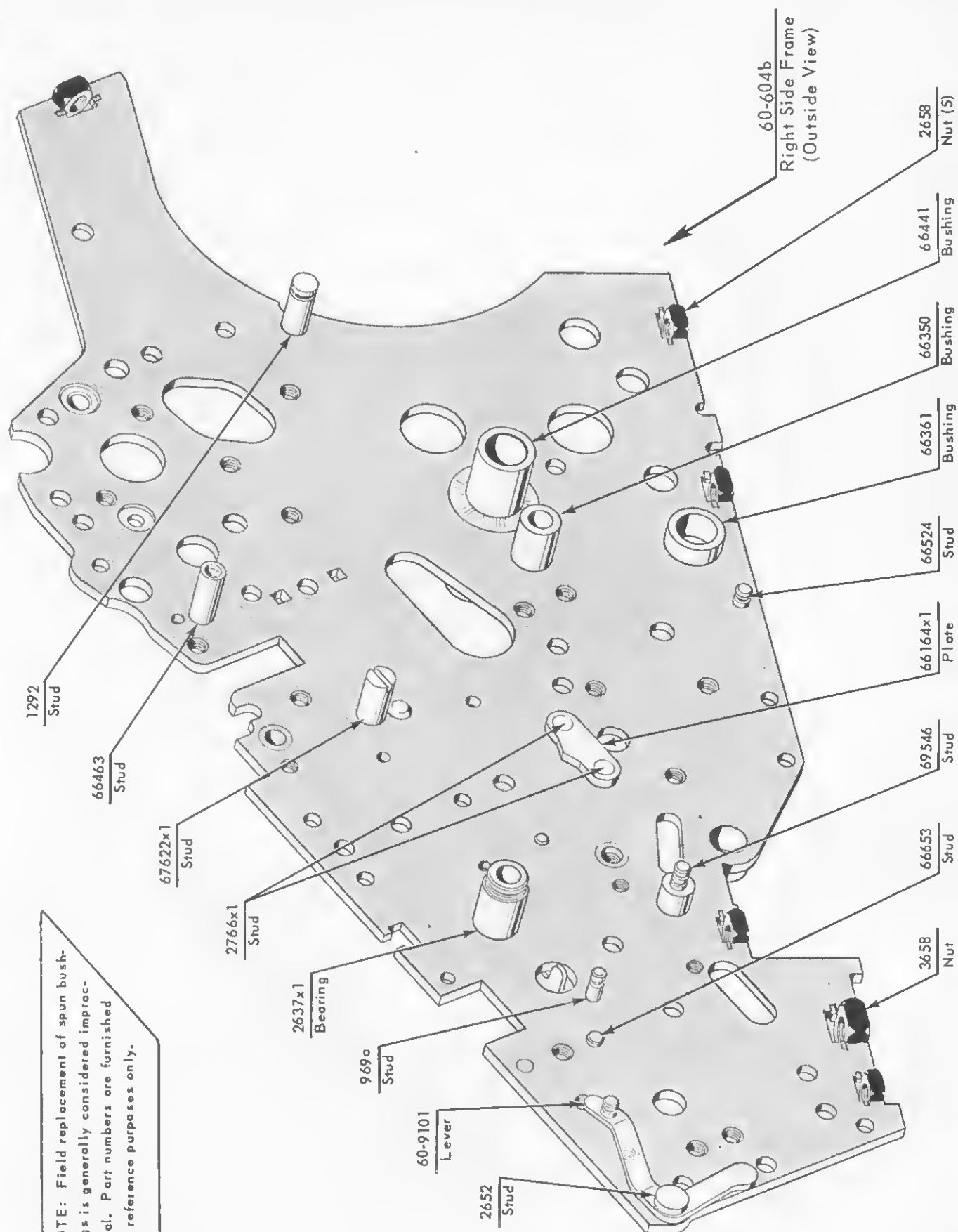
NOTE: Page reference numbers are furnished with gear part numbers to facilitate location of associated mechanism.











Section 'J'

PRICE LIST

JANUARY 1, 1959

In this Parts and Assemblies Price List, part numbers are listed in numerical order, followed by the number of the page or pages on which the part is illustrated*, the part name and the list price each. *Prices given are those in effect at the time of publication (see date above), and are subject to change without notice.*

*In instances where a part is illustrated on more than three pages, as is the case with many screws, washers, nuts etc., only three of the pages on which the part is shown are listed.

NOTICE

Prices shown in this bulletin are those in force at the time of original publication, and are the subject of adjustment from time to time.

MONROE CALCULATING MACHINE CO., INC.
ORANGE, NEW JERSEY

Part No.	Name	Page	List Price
1	Screw	A-5, D-3, F-4	.10
6	Screw	C-12, D-5, F-6	.10
13	Screw	F-8	.10
40	Pin	C-16, E-8, G-15	.10
S1	Washer	C-2	.05
57	Washer	E-31, G-11	.10
63	Washer	C-10, E-13	.05
65	Pin	E-10, E-17, G-1	.05
67	Washer	E-12, E-26, F-2	.05
68	Washer	C-15	.05
69	Washer	G-5	.05
70	Washer	A-4, C-2, D-5	.05
74	Nut	E-27	.10
86	Retainer	C-2, G-18	.10
87	Retainer	C-3, E-3, G-1	.05
153	Stud	C-14	.10
181x1	Spring	C-4	.10
480	Spring	C-7, C-14	.10
559	Stud	A-5	.15
S87	Spring	C-24, E-32, G-20	.10
665	Screw	E-27	.15
682a	Spring	A-10	.15
729½	Washer	C-15, F-2	.05
880	Spring	C-9, G-4	.10
899	Sleeve	F-4	.10
911	Guide	E-20	.05
922	Terminal	C-7, E-7, G-9	.10
957	Screw	C-16, E-20, F-6	.10
969a	Stud	G-23	.10
985	Spring	E-23	.10
988	Spring	D-5, E-2, G-10	.15
1005	Spring	C-18, E-1, G-2	.10
1006	Spring	C-8, C-11, C-13	.10
1008	Spring	E-1	.10
1009	Spring	G-2, G-9	.10
1010	Spring	E-15, G-7, G-14	.10
1011	Spring	C-2, C-4, E-7	.10
1013	Spring	C-3	.10
1017	Spring	G-9	.10
1018	Spring	A-4, C-7	.10
1069	Stud	G-7	.10
1075a	Stud	G-21	.10
1076	Stud	G-7, G-13, G-22	.10
1256	Nut	A-5, C-1, D-5	.10
1292	Stud	G-23	.10

Part No.	Name	Page	List Price
1307	Washer	C-6, E-14	.10
1343	Washer	G-8	.10
1363	Screw	C-19, E-10	.10
1389	Nut	A-4, C-2, E-14	.10
1392	Stud	C-23	.10
1395	Screw	C-24, E-29	.10
1464x1	Screw	C-4, E-3, G-18	.10
1545	Sleeve	C-19	.10
1562	Stud	C-24, E-32	.10
1584	Spring	G-21	.10
1853	Washer	A-6	.10
1962	Washer	E-26	.10
2002	Screw	E-10	.10
2006	Screw	D-5, F-3, C-5	.10
R-2025	Retainer	A-5, C-3, E-17	.05
R-2026	Retainer	C-1, E-24, G-11	.05
2056	Washer	G-11	.10
2063	Washer	E-17, E-24, G-4	.10
2078	Nut	E-1, E-4, G-8	.10
2105	Washer	D-3, G-8	.05
2110b	Shutter	D-4	.25
2127	Retainer	D-3	.05
2140	Roller	C-17, E-11, G-11	.10
2151x1	Stud	D-5	.10
2156x1	Stud	D-4, D-5	.05
2157	Screw	D-2, D-4	.10
2160	Stud	E-15, G-11	.10
2166	Nut	A-4, D-4, E-33	.10
2167	Nut	D-4, D-5, E-19	.10
2180	Spring	D-3	.10
2180¼	Spring	G-8	.10
2182a	Spring	D-5	.10
2194	Washer	D-3	.05
2333	Retainer	A-10, E-19, G-11	.10
2452	Stud	D-5, E-1	.10
2453	Stud	C-2, D-5, E-1	.05
2583	Spring	A-11, C-2, G-6	.10
2602½	Rod	E-32	.50
2610	Cam	G-11	.15
2637x1	Bushing	G-11, G-23	.10
2652	Stud	G-1, G-23	.10
2653	Stud	C-10, E-13, G-7	.10
2658	Nut	F-7, C-2, E-6	.10
2671	Screw	C-6, E-14, G-12	.10
2673	Screw	G-10	.10

Prices subject to change without notice

Part No.	Name	Page	List Price
2736x1	Gear	C-23	.50
2742	Sleeve	C-9	.10
2743x1 D & P	Black	E-8	.25
2747	Bushing	C-27	.10
2759	Stud	G-8	.05
2761	Screw	C-6, E-2, G-9	.10
2764	Stud	C-8, D-4, E-25	.10
2766x1	Stud	G-22, G-23	.10
2768	Stud	C-9	.10
2772	Stud	C-5	.10
2776	Stud	C-23	.10
2777	Stud	C-19	.05
2782	Spring	C-9	.10
2784	Spring	G-5	.10
2786	Spring	C-9, C-12, C-13	.10
2791a#1	Transfer	B-5	.40
2791a#3	Transfer	B-5	.40
2791a#4	Transfer	B-5	.40
2791a#5	Transfer	B-5	.40
2814c	Block	C-23	.10
2829x1	Washer	C-17, E-25, G-16	.10
2830	Bushing	C-14, C-27, E-9	.10
2831	Washer	C-11, C-24	.05
2832	Washer	C-1, E-6, F-2	.05
2833	Washer	A-10, E-4	.10
2833x1	Washer	G-8	.10
2841½	Bushing	A-11, C-8	.15
2846	Collar	C-25, E-29	.15
2847	Collar	C-4, C-6, E-2	.15
2855	Stud	F-7, C-25	.10
2858	Stud	C-10, C-27, E-9	.10
2862	Stud	C-9, E-11	.10
2866	Stud	C-13, C-26	.10
2868	Stud	D-5, C-2, E-1	.10
2878	Screw	C-12, C-13, D-2	.10
2882	Spring	C-14, E-1, G-1	.10
2884	Spring	C-10, C-21	.10
2899	Eyelet	F-4	.05
2911x2a	Keystem	D-3	.15
2931a	Bail	E-10	.45
2932a	Bail	E-10	.45
2948	Stud	C-11, E-12, G-10	.10
2964	Bushing	C-1	.10
2965	Nut	C-26	.15
2971	Screw	C-14, D-5, E-8	.10

Part No.	Name	Page	List Price
2999	Wire	F-4	.10 ft.
3003	Screw	A-5, A-10, E-23	.10
3007	Screw	C-14, E-8	.10
3010	Screw	A-11	.10
3012	Screw	A-2, E-4	.10
3051	Washer	C-1, D-5, E-6	.10
3182	Spring	C-2	.10
3560	Stud	A-5, A-11	.10
3561	Stud	E-12, G-10	.10
3658	Nut	G-23	.10
3664¼	Screw	C-20, D-2, E-8	.10
3681	Spring	C-8	.15
3836	Spacer	E-15, G-14	.10
3836¼x1	Sleeve	C-1	.10
3880	Spring	A-9, D-4	.10
3949¼	Sleeve	A-10	.10
4725¼	Latch	C-9	.25
4741	Sleeve	C-8	.10
4748	Sleeve	C-8	.15
4750a	Screw	C-18	.15
4759	Screw	A-4, C-15, G-15	.10
4768	Screw	G-10	.15
4783	Spring	A-8, A-11, G-1	.10
4788	Spring	E-13, G-13	.10
40050	Washer	C-5, E-4, G-1	.10
40052	Washer	E-15	.10
40370	Nut	C-12, D-3, E-28	.10
40902	Pin	C-3, E-16	.10
40904	Pin	E-15, E-25, G-16	.10
40906	Pin	E-17, E-30, G-15	.10
40908	Pin	F-7	.10
41820	Spring	B-7, D-1	.05
43135	Washer	E-31	.10
45050	Washer	C-7, E-12	.10
45870	Spring	E-18, G-15	.10
46305-35	Plate	B-5	.10
46305-36	Plate	B-5	.10
46541	Stud	G-11	.10
46640a	Screw	E-28	.15
46803b	Retainer	A-4, C-2, E-6	.05
46966	Retainer	B-2	.10
46980	Letter "M"	B-3	.10
46981	Letter "N"	B-3	.10
46982	Letter "R"	B-3	.10
46984	Letter "O"	B-3	.10

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Part No.	Name	Page	List Price
47127	Retainer	D-3, G-8	.05
47500	Screw	C-1, D-2	.10
47793	Housing	F-8	.30
47988	Tubing	F-2	.10
47993	Tubing	F-2	.05
49801	Spring	C-15	.10
50055	Washer	E-5	.10
50058	Retainer	C-15, E-29	.10
50060	Washer	E-9	.10
50373	Nut	C-15	.10
50506	Screw	C-13	.10
50507	Screw	A-4, E-9, E-16	.10
50508	Screw	C-10, E-5, G-21	.10
50509	Screw	G-3	.10
50511	Screw	A-4, A-5, A-11	.10
51820	Spring	C-1, D-4	.10
55223	Retainer	G-18	.15
55355	Sleeve	A-4, A-10, A-11	.10
55371	Nut	C-14, E-2, G-20	.10
55502	Screw	C-22	.10
55561	Screw	F-4, F-7	.10
55889	Spring	A-1, A-3	.05
56071	Washer	E-15	.10
56072	Washer	A-10	.10
56076	Washer	E-30, E-31, G-17	.05
56468	Bearing	E-24, G-18	.25
56542a	Stud	G-11	.10
56572	Stud	G-11, G-12	.10
56804	Spring	C-3, C-10, E-10	.10
56809	Spring	C-19, C-24, G-12	.10
56960	Washer	C-3, E-10, F-6	.10
56961	Washer	C-3, E-2, F-6	.05
56962	Washer	A-4, C-20, C-26	.10
57084	Pawl	C-21	.25
57156	Washer	C-12, E-20, G-17	.10
57260	Guide	E-20	.15
57351	Bushing	E-33	.10
57355a	Guide	G-8	.10
57474	Sleeve	E-9, G-16	.10
57476	Roller	E-14	.10
57504	Screw	G-8	.10
57509	Screw	A-11	.10
57554	Stud	C-25, F-7	.10
57571	Screw	C-2, E-12, G-10	.10
57572	Screw	E-24, E-29, G-10	.10

Port No.	Name	Page	List Price
57634	Roller	E-11	.10
57643	Stud	E-11	.10
57675	Screw	E-19, G-1, G-11	.10
57801	Spring	C-20	.10
57860x1	Spring	C-25, E-29, G-10	.10
58093	Guide	G-13	.10
58372	Nut	C-2, E-5, G-10	.10
59350	Sleeve	C-20	.10
59360	Collar	G-1	.10
59417	Bushing	G-13	.10
59503	Screw	E-11, G-6	.10
59505	Stud	C-16	.10
59511	Screw	C-22, E-7	.10
59518	Screw	E-7	.10
59521	Stud	E-26, E-27, E-28	.10
59549	Stud	C-5	.10
59583	Spring	C-11	.10
59588	Screw	E-2, E-24	.10
59593	Screw	E-15, G-14	.10
59596	Screw	C-17, E-25	.10
59800	Spring	C-20, C-21	.10
59826a	Spring	C-18, C-19	.10
59853	Spring	C-21, C-19	.10
60051	Retainer	C-16, E-30, G-17	.05
60054	Washer	C-22	.10
60055	Washer	D-3, E-14, G-4	.10
60056	Washer	E-31	.05
60057	Washer	D-5	.10
60058	Washer	C-10	.10
60062	Washer	C-10, E-13	.05
60353 F.S.	Bushing	C-14	.10
60354 F.S.	Screw	F-8	.10
60355 F.S.	Nut	F-8	.10
60356 F.S.	Washer	F-8	.05
60357 F.S.	Insulator	F-8	.05
60500	Screw	C-10	.05
60650	Pin	E-25, G-16	.10
60901	Hook	C-19	.10
60905	Tubing	F-2	.30 ft.
60907	Retainer	A-10, A-11	.05
60910	Retainer	A-4, C-5, E-5	.05
60912	Retainer	F-7	.05
60913	Retainer	A-4, C-1, E-1	.05
60914	Retainer	A-4, C-2, E-1	.05
60916	Retainer	A-5, G-21	.05

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Part No.	Name	Page	List Price
60917	Retainer	G-15	.05
60919	Retainer	E-7	.05
60920	Washer	C-14, E-8	.05
60921	Retainer	A-4, A-6, G-11	.10
60922	Retainer	A-4	.05
60929	Retainer	G-11	.10
60930	Tubing	F-2	.30 ft.
60931	Retainer	C-19	.05
61005½	Shaft	C-6, E-2	.15
61048	Bar	B-7, D-1	.15
61050x1a	Arm	E-11	.10
61054	Lining	D-1	.10
61109	Key stem	D-3	.15
61110	Bail	E-2	.75
61111	Arm	E-2	.10
61115½a	Camb	D-5	.25
61121	Crank	D-3	.15
61150	Bar	D-5	.15
61400	Stud	D-4	.10
61526	Stud	D-4, D-5	.10
61528	Stud	D-3	.10
61529x1	Stud	D-5	.10
61530	Screw	D-4	.10
61560	Screw	C-13	.10
61560a	Screw	E-2	.10
61562	Screw	D-1	.10
61772	Knab	B-7, D-1	.10
61960	Keytop	D-2	.15
61961	Keytap	D-2	.15
61962	Keytap	D-2	.15
61963	Keytop	D-2	.15
61964	Keytap	D-2	.15
61965	Keytop	D-2	.15
62000½x2a D & P	Shaft	E-17, G-15	3.55
62051	Washer	E-17	.05
62215a	Retainer	A-10	.25
62355	Bearing	E-17	.25
62357	Bearing	E-17, G-15	.25
62370x1	Nut	E-10, G-12	.10
62500	Screw	E-11, G-12	.15
62501	Screw	E-11	.10
62503a	Screw	E-11	.10
62758	Gear	E-17	.75
62759	Gear	E-17	.75
62790	Cam	E-17, G-15	1.00

Part No.	Name	Page	List Price
62800	Spring	E-17	.10
63000½a	Shaft	E-19	.15
63001½a	Shaft	E-19	.15
63053	Bracket	C-15, C-16	.10
63081a	Finger	C-12	.25
63082	Finger	C-12	.10
63100a	Bracket	C-8	.20
63307	Gear	E-19	.80
63352	Callar	E-19	.10
63358	Sleeve	C-12	.10
63359	Sleeve	C-12	.10
63361	Cup	E-18	.10
63365	Sleeve	C-12, C-13	.10
63521	Stud	C-12	.10
63800b	Spring	E-19	.05
63801½a	Spring	E-19	.40
64001 D & P	Shaft	E-20, G-15	.40
64002½x1	Shaft	E-21	.75
64053x1	Link	E-25, G-16	.15
64056	Washer	A-9, A-10, C-2	.10
64060a	Arm	E-21	.10
64061	Arm	E-21	.10
64116a	Dag	E-21	.10
64120b	Cam	E-30, G-17	.15
64121a	Shutter	E-30, G-17	.15
64122a	Plate	E-30, G-17	.10
64123x1	Washer	E-30, G-17	.10
64124a	Washer	E-30, G-17	.10
64125	Cam	E-30, G-17	.15
64354 D & P	Hub	E-30, G-17	.30
64360x1	Drum	E-21	.30
64362	Sleeve	G-16	.10
64501	Screw	C-4, E-3, G-10	.10
64502	Screw	C-17, E-25	.10
64600	Stud	G-17	.10
64602	Stud	E-25, G-16	.10
64670	Callar	E-20	.25
64800	Spring	E-21	.10
64801	Spring	E-21	.10
65000b	Shaft	E-25	7.20
65000½b	Shaft	E-25	7.20
65003½	Shaft	A-8	.15
65004½	Shaft	A-9	.10
65007½	Rod	A-7	1.30
65008½c	Rod	A-9	.10

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Part No.	Name	Page	List Price
65025½	Rod	A-9	.10
65044½a	Shaft	A-8	.15
65049½a	Shaft	A-8	.15
65050½	Shaft	A-8	.15
65052	Bar	A-9	.50
65055	Plate	A-9	.40
65060a	Retainer	A-9	.10
65065a	Retainer	A-4	.10
65068	Retainer	A-4	.15
65073a	Plate	A-9	.15
65074b	Plate	A-9	.15
65080	Lever	A-10	.30
65081	Arm	C-17,E-25	.10
65082	Bar	A-11	.25
65084	Link	A-11	.10
65090	Link	A-11	.10
65092	Link	A-5	.10
65094x1	Lug	A-3	.10
65100½	Plate	A-11	1.90
65105	Pawl	A-9	.15
65108a	Keystem	A-11	.25
65109x1a	Keystem	A-11	.25
65142	Arm	A-10	.10
65157	Brace	A-11	.20
65160	Washer	E-25	.10
65172x1	Plate	A-7	.40
65174x1	Plate	A-6	.40
65182	Washer	A-11	.10
65185a	Brace	A-9	.25
65187a	Brace	A-1,A-11	.25
65200	Washer	A-5	.10
65221½x1	Bar	A-9	.40
65222½b	Bar	A-9	.60
65232	Arm	A-8	.10
65239½	Bar	A-9	.50
65243	Arm	A-4	.10
65249	Rail	A-2	.40
65249½	Rail	A-2	.40
65261	Lining	A-1	.10
65262	Lining	A-1	.10
65269	Lining	A-1	.05
65285	Bracket	A-4	.20
65291	Cam	A-9	.10
65308b	Pawl	A-9	.40
65310½x1	Brace	A-3	3.65

Part No.	Name	Page	List Price
65330	Brace	D-2,G-15	.15
65331	Arm	A-11	.10
65350	Sleeve	A-10	.10
65356	Bearing	E-25	.25
65357	Bushing	G-22	.25
65363	Sleeve	A-10	.15
65369	Sleeve	A-11	.10
65370	Nut	C-7,E-12,E-26	.10
65387	Sleeve	E-25	.15
65392	Collar	A-5	.10
65393a	Sleeve	A-5,A-11	.10
65395	Spacer	A-6	.10
65403	Collar	A-10	.10
65405	Sleeve	A-6	.10
65407	Sleeve	A-6	.10
65409	Sleeve	A-5	.10
65421	Sleeve	A-6	.05
65424	Sleeve	A-6	.10
65427	Sleeve	A-6	.05
65439	Sleeve	A-11	.10
65460b	Sleeve	A-10	.10
65468	Sleeve	A-10	.05
65500	Stud	C-5	.10
65504	Stud	A-9	.10
65509	Stud	A-4,A-5	.15
65512	Pin	A-4	.10
65515	Stud	A-5	.10
65519	Screw	A-1,A-11	.10
65520a	Stud	A-5,A-11	.10
65525	Stud	C-5,E-22	.10
65533	Screw	A-11	.10
65534	Stud	A-5	.05
65536	Screw	A-11	.05
65560x1	Screw	A-11	.05
65564	Screw	A-11	.10
65566	Screw	A-11	.10
65567	Screw	A-5	.10
65571a	Screw	A-3,A-11	.10
65572b	Screw	A-11	.10
65577a	Screw	A-5	.20
65578a	Screw	A-8,A-11	.10
65583	Stud	A-3	.05
65585	Screw	A-1,A-2	.10
65587	Screw	A-2	.10
65588	Screw	A-2	.10

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Part No.	Name	Page	List Price
65589	Screw	A-5	.10
65594	Screw	A-1	.10
65651	Stud	A-11	.10
65656	Bushing	A-8	.10
65664x1	Cam	A-5	.30
65665x1	Cam	A-4, A-5	.30
65778	Keypap	A-1	.15
65779	Indicatar	A-1	.15
65780	Cover	A-3	.25
65781	Marker	A-3	.15
65791a	Dial	A-9	.50
65802	Spring	A-9	.10
65803	Spring	E-27	.25
65805	Spring	A-11	.10
65806	Spring	E-25	.15
65811a	Spring	A-5	.10
65814	Spring	A-10	.10
65817	Spring	A-11	.10
65818	Spring	A-5	.10
65821	Spring	A-3	.05
65822	Spring	A-4	.15
65922	Bar	A-2	1.75
65922½	Bar	A-2	1.90
65924	Bar	A-1	1.15
65924x1	Bar	B-1	1.15
65924½	Bar	A-1	1.25
65924½x1	Bar	B-1	1.25
65955	Nut	A-1, A-11	.10
65974	Dial	A-9	.50
65986	Dial	A-6	.40
65992	Adhesive	A-1	.05
65995½	Plate	B-2	.85
65995½a	Plate	B-3	.85
66018x1	Shaft	F-7	.45
66050b	Bracket	G-2, G-3	.15
66052x1b	Bracket	G-2, G-3, G-11	.25
66057	Plate	G-16	.15
66059	Bracket	G-6	.25
66067	Plate	G-16	.15
66080	Bracket	G-8	.25
66090a	Bracket	G-12	.15
66092a	Link	G-8	.10
66094a	Bracket	G-5	.15
66097	Plate	G-18	.15
66145	Plate	G-18	.15

Part No.	Name	Page	List Price
66105x1	Lever	D-4	.15
66164x1	Plate	G-23	.10
66173x1	Cam	G-17	.10
66192a	Bracket	C-26	.05
66193	Guide	C-13	.10
66218	Guide	G-12	.10
66219½	Lining	B-2	.10
66219½x1	Lining	B-3	.10
66252	Washer	G-17	.05
66253x1	Arm	G-17	.10
66257	Arm	C-18, C-19	.10
66258	Latch	G-1	.10
66261a	Lack	C-21	.10
66264	Arm	C-4	.10
66272a	Guide	C-1	.10
66273	Arm	C-1	.10
66276a	Keystem	C-4	.25
66277	Link	G-14	.35
66283	Finger	G-21	.15
66285a	Link	G-5	.15
66294	Latch	G-13	.30
66325	Washer	G-14	.10
66328	Brace	G-10	.10
66330	Bracket	G-5	.10
66349	Arm	A-11, G-18	.10
66350	Bushing	G-23	.10
66352	Sleeve	C-1	.10
66353	Sleeve	C-6	.10
66358	Bushing	G-22	.10
66359	Sleeve	G-12	.10
66360	Spacer	G-20	.10
66361	Bushing	G-23	.10
66363	Bushing	G-22	.15
66375	Nut	G-7	.10
66376	Sleeve	C-19	.10
66378	Collar	C-25	.10
66380	Roller	G-14	.10
66383	Bushing	C-9	.10
66390	Bearing	C-24, E-29	.35
66400	Sleeve	G-4, G-20	.10
66412	Sleeve	E-1	.05
66419	Screw	F-6	.10
66423	Nut	C-27	.15
66428	Sleeve	G-6	.10
66430	Sleeve	C-1	.05

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Part No.	Name	Page	List Price
66431	Washer	C-1	.05
66432	Cam	E-12	.25
66433	Sleeve	C-1	.10
66436x1	Bushing	E-11	.10
66439	Collar	C-1	.10
66440	Nut	C-27	.10
66441	Bushing	G-22, G-23	.20
66442	Nut	C-19, C-25, E-29	.10
66447x1	Sleeve	F-7	.10
66449	Collar	C-6, E-2	.10
66450	Roller	C-24, E-32	.15
66451	Collar	C-1	.10
66455	Eccentric	G-15	.10
66456	Screw	G-15	.10
66457	Stud	G-11	.05
66460	Sleeve	G-6	.10
66463	Stud	G-23	.10
66466	Bushing	E-11, G-6	.05
66468	Spacer	C-20	.10
66476	Bearing	E-24	.25
66500a	Stud	G-21	.10
66520	Stud	G-20	.10
66522	Stud	G-22	.10
66523	Stud	A-4, A-5, C-26	.10
66524	Stud	G-22, G-23	.10
66526	Stud	C-11	.10
66532	Stud	C-10, C-27	.10
66533	Stud	E-26	.10
66535	Stud	C-22, C-24	.10
66548	Stud	E-15	.05
66551	Screw	C-2	.15
66553	Stud	C-13	.10
66556	Stud	G-5	.10
66557	Stud	E-14	.10
66558	Stud	G-17	.05
66559	Stud	E-15	.10
66561	Stud	C-1, E-10	.15
66562	Screw	A-2, G-8	.10
66564x2	Stud	G-15, G-20	.15
66565	Stud	C-5	.10
66576	Screw	E-7	.10
66576a	Screw	B-4	.10
66582	Screw	A-11	.10
66590a	Stud	G-4, G-5	.15
66591b	Stud	G-3	.15

Part No.	Name	Page	List Price
66592	Stud	E-14	.10
66594	Screw	C-17, E-25	.05
66595a	Screw	G-17	.10
66596a	Stud	G-2, G-7	.10
66597x2	Stud	E-14	.15
66599	Stud	C-1	.10
66604b	Pin	D-2, C-12, E-16	.05
66606	Stud	E-1	.10
66607	Stud	C-7	.10
66615	Screw	G-5	.15
66616x1	Stud	G-5	.10
66617	Stud	G-13, G-18	.10
66619a	Screw	C-15, E-29	.10
66633	Screw	E-5, E-9, G-14	.10
66634	Screw	C-12, C-13, G-6	.10
66636	Stud	C-22	.10
66638	Stud	E-5	.10
66645	Screw	B-5	.10
66646	Screw	F-2, E-10, G-1	.10
66648	Stud	C-2, C-3, C-6	.05
66649	Screw	B-4	.10
66653	Stud	G-22, G-23	.05
66656	Stud	C-8	.15
66657	Screw	C-8	.10
66658	Screw	C-8	.10
66659x1	Stud	G-4, G-20	.10
66660	Stud	E-1	.10
66661	Stud	D-4	.10
66662	Stud	D-5, E-1	.10
66663	Stud	E-7	.10
66664	Stud	E-7	.10
66671	Cam	C-17, E-25	.15
66674	Screw	B-4	.10
66679	Stud	D-4	.10
66683 F.S.	Stud	E-1	.10
66750a	Gear	G-19	.60
66751	Gear	C-19	.40
66758	Gear	G-15, G-19	.70
66760	Gear	E-24	.70
66800a	Spring	E-12, G-10	.10
66802	Spring	C-9	.05
66803	Spring	C-10, G-4	.10
66804x1	Spring	E-5	.10
66807	Spring	C-6, C-7, E-3	.10
66809	Spring	C-7, E-14	.10

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Part No.	Name	Page	List Price
66811	Spring	B-6,D-1	.15
66812	Spring	G-4	.10
66814	Spring	E-5	.10
66816	Spring	C-7	.10
66818	Spring	G-9	.10
66966	Screw	B-4	.10
66978	Cushman	B-5	.15
66979	Cushman	B-5	.15
66980	Transfer	B-5	.40
66981	Keytap	B-7,D-1	.30
66982	Keytap	B-4	.30
66983	Keytap	D-1,D-2	.25
66984a	Keytap	A-1	.15
66986	Name Plate	B-2	.40
66989	Name Plate	B-2	.85
66993	Keytap	D-1,G-8	.35
66994	Keytap	D-1,G-8	.30
67000½x1 D & P	Shaft	E-12,E-15,G-10	.50
67002½ D & P	Shaft	E-13,E-30,G-16	1.00
67008½ D & P	Shaft	E-8	.40
67009½x2	Shaft	E-4,E-5,G-1	.30
67015x1 D & P	Shaft	C-3	.30
67052x2a	Arm	E-11	.30
67056	Link	C-17,E-26	.15
67057a	Link	E-27,G-20	.15
67062	Link	C-7,C-22	.25
67066b	Arm	E-12	.25
67067a	Arm	E-12	.25
67070x1a	Link	E-28	.25
67089	Terminal	E-12,G-10	.10
67092a	Bracket	C-22	.40
67098	Cam	C-20	.15
67100	Lever	C-22	.10
67101	Latch	C-21	.10
67109	Slide	D-3	.25
67111a	Latch	G-5	.15
67120a	Lever	D-5,E-1	.10
67127	Arm	C-1	.15
67130x1	Arm	C-23	.25
67133	Disc	E-31	.10
67134	Disc	E-31	.10
67135	Disc	E-31	.10
67139	Arm	C-11	.15
67140x1a	Pawl	C-11	.25
67141	Link	C-2	.10

Part No.	Name	Page	List Price
67143	Link	C-2	.10
67148a	Cup	E-18	.10
67150x1a	Keystem	D-4	.25
67151b	Keystem	D-4	.10
67152a	Keystem	E-4	.25
67159	Link	C-2	.10
67161	Arm	C-17	.25
67162	Link	C-16	.25
67166	Terminal	C-7	.10
67167x2a	Arm	C-15	.30
67168	Guide	C-3	.15
67170a	Arm	C-17	.15
67172b	Arm	C-13	.35
67182a	Lever	G-12	.10
67186a	Bracket	E-7	.25
67190b	Latch	D-5	.15
67191x2	Arm	C-14,E-8	.25
67192x1	Stop	C-14,E-8	.10
67197x1a	Bracket	E-16	.10
67201x1a	Arm	G-10	.25
67203a	Lever	A-11	.15
67206	Arm	C-9	.10
67207	Pawl	C-4	.25
67210b	Terminal	G-11	.10
67212	Lever	E-7	.30
67214	Guide	C-8	.10
67215	Terminal	C-15	.10
67219b	Lack	E-8	.15
67221	Link	C-5	.15
67222x1	Latch	G-12	.15
67226x1	Link	C-9	.25
67228b	Arm	G-7	.25
67229	Link	C-17	.30
67236	Bracket	C-4	.15
67239x2	Guide	C-15,E-29	.10
67240x1	Guide	C-15,E-29	.10
67241	Arm	C-16	.25
67243a	Lever	C-15	.15
67244a	Link	C-24,E-29	.15
67246	Terminal	C-2,C-15	.10
67247	Washer	C-9	.10
67254	Link	C-24,E-29	.10
67257a	Latch	G-1	.25
67261	Arm	E-32,C-24	.15
67265	Arm	C-13	.10

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Part No.	Name	Page	List Price
67266x1	Washer	C-2, C-9, C-16	.15
67276	Disc	E-31	.10
67277	Washer	G-18	.10
67288	Bar	E-16	.40
67290a	Latch	E-13	.15
67293b	Arm	E-6, G-14	.10
67298	Bracket	G-22	.15
67299	Lever	G-22	.15
67300	Retainer	A-10, C-2, E-1	.05
67341a	Pawl	C-20	.25
67348	Arm	G-9	.15
67352x1	Sleeve	C-23	.10
67354	Callar	E-31	.10
67355	Stud	G-2	.10
67358x1	Bushing	G-10	.10
67360	Sleeve	C-15	.10
67361x1	Sleeve	C-7, E-12	.15
67367	Callar	E-12	.10
67369	Sleeve	C-21	.10
67370	Nut	E-31	.10
67371	Nut	G-12	.10
67372	Roller	C-2	.10
67376	Sleeve	C-16, E-13	.10
67379	Washer	E-7	.10
67386	Sleeve	E-14	.05
67388x1	Stud	C-1	.10
67393a	Callar	C-10	.15
67397	Callar	G-9	.10
67399	Sleeve	C-2	.10
67402	Callar	E-9	.15
67403	Sleeve	G-10	.15
67404	Sleeve	C-6, E-14	.15
67405	Washer	G-8	.10
67407	Stud	E-11	.10
67429	Sleeve	G-3	.05
67436	Bushing	G-12	.10
67441x1	Bushing	C-19	.10
67443	Nut	G-22	.15
67449	Sleeve	E-7	.10
67450a	Washer	C-19	.05
67454x1	Nut	C-15	.10
67457	Bushing	G-10	.10
67460a	Gear	C-20	1.15
67461x1	Hausing	C-20	.30
67462x1	Caver	C-20	.40

Part No.	Name	Page	List Price
67465	Arm	E-12, G-10	.45
67466a	Roller	C-24, E-29	.10
67468	Sleeve	G-7	.10
67470	Bushing	G-7	.10
67471	Sleeve	E-31	.25
67479a	Gear	C-21	1.15
67489	Nut	C-23	.10
67491	Bushing	C-15	.10
67492	Bushing	C-19	.10
67493	Sleeve	C-6	.10
67502	Stud	C-16, E-13	.10
67503	Stud	C-16	.10
67506a	Stud	G-8	.10
67508	Stud	C-21	.10
67510	Stud	E-16	.05
67511	Stud	G-12	.10
67512c	Stud	G-8	.10
67513	Stud	C-17	.10
67515	Stud	E-5	.10
67518a	Screw	G-14	.10
67519x1	Stud	G-13	.10
67520	Stud	C-1	.10
67524	Stud	D-3	.10
67526	Stud	C-10	.10
67531	Stud	G-11	.10
67541	Stud	C-26, E-26, E-27	.10
67542a	Stud	E-2	.10
67548	Stud	C-2	.10
67553	Stud	C-15	.10
67554	Stud	G-5	.05
67560	Screw	G-9	.10
67561x2	Screw	C-22	.10
67562a	Screw	C-20	.10
67564	Screw	G-7	.15
67570	Screw	G-9	.10
67573x1	Screw	G-5	.10
67574	Screw	G-1	.10
67576	Screw	C-1, C-6	.10
67577	Screw	A-5, C-15, E-11	.10
67591	Stud	C-17	.10
67592	Screw	C-3	.10
67593	Stud	C-15	.15
67594x1	Stud	C-15	.15
67599x1	Stud	G-18	.10
67602	Stud	G-11	.10

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Part No.	Name	Page	List Price
67605	Stud	G-11	.10
67610	Screw	C-20	.15
67612x1	Stud	E-9	.10
67614	Stud	C-16	.10
67618	Screw	C-15	.15
67621	Stud	G-11	.10
67622x1	Stud	G-23	.10
67624	Stud	C-27	.10
67628	Screw	C-9	.10
67630	Stud	C-16	.10
67632	Stud	C-9	.10
67633	Screw	C-20	.10
67634	Screw	C-20	.10
67635	Stud	E-5, G-21	.10
67640	Screw	C-18, E-26	.10
67644	Stud	C-2	.15
67645a	Pin	E-18	.05
67646	Pin	C-22	.10
67647	Stud	G-5	.10
67650x1a	Plunger	G-9	.10
67653	Stud	C-21	.10
67655	Stud	G-10	.10
67657	Pin	A-4, E-31	.05
67658b	Plunger	A-10	.10
67659a	Pin	C-16, E-13	.05
67660	Stud	G-3	.05
67661	Stud	D-5, E-1	.10
67663	Stud	E-9	.10
67673	Stud	G-8	.05
67677	Sleeve	C-15	.10
67750a D & P	Gear	E-31, G-17, G-19	.75
67754	Gear	C-22	.40
67755	Gear	C-22	.80
67758	Gear	C-23	1.50
67770x1	Keytop	D-1, E-4	.25
67782x1	Keytop	D-1, G-2	.25
67785a	Keytop	D-1, G-2	.25
67786	Keytop	D-1, G-9	.30
67787	Keytop	D-1, G-9	.30
67788	Keytap	D-1, G-1, G-3	.15
67798	Gear	C-6, E-14	.35
67799a	Motor Cord	F-5	2.00
67800b	Spring	C-7, E-25	.10
67801	Spring	D-5, E-1	.10
67802	Spring	A-10	.10

Part No.	Name	Page	List Price
67803	Brake	C-17, E-25	.10
67807	Spring	G-9	.10
67808	Spring	C-19	.10
67811	Spring	C-2, E-14	.10
67813	Spring	G-22	.10
67813a	Spring	C-1	.10
67814	Spring	E-18	.10
67815	Spring	A-4, A-5, G-21	.10
67816x2	Spring	A-10	.10
67817	Washer	C-22	.10
67818x1	Spring	G-1, G-7	.10
67821a	Spring	C-7	.10
67823	Spring	G-11	.10
67824	Spring	B-4	.10
67825x1	Spring	E-9	.10
67827b	Spring	C-6, E-14	.15
67836	Spring	C-8	.10
67837	Spring	C-3	.10
67838x1	Spring	E-11, E-29	.10
67840	Spring	C-2, C-8	.10
67843	Spring	G-1	.10
67845a	Spring	G-4	.10
67846	Spring	G-2	.10
67849	Spring	C-5, C-10	.10
67855	Spring	G-4	.10
67910	Motor	F-1, F-4	26.15
67911	Capacitor	F-1, F-4, F-6	1.45
67912	Relay	F-1, F-4, F-6	2.15
67913	Switch	F-8	1.60
67914	Actuator	F-8	.75
67917	Strop	F-4	.30
67918	Nut	F-4	.10
67919	Screw	F-4	.15
67920	Screw	F-4	.10
67921	Screw	F-6	.10
67922x1	Plate	F-8	.05
67970	Keytop	D-1, E-5	.25
67971	Keytop	D-1, G-7	.25
67973	Keytop	D-1, G-2	.25
67975	Bearing	F-7, C-25	.60
67976	Keytop	D-1, G-2	.25
67977	Keytop	D-1, C-4	.25
67978	Keytop	D-1	.25
67981	Belt	F-7	1.15
67993	Transfer	B-5	.10

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Part No.	Name	Page	List Price
68052	Washer	E-24	.10
68054x1	Arm	E-23	.15
68058x1b	Bar	E-23	.10
68059	Plate	E-23	.40
68060x1a	Finger	E-23	.10
68061a	Finger	E-23	.10
68074a	Finger	E-23	.10
68078	Linings	A-1	.05
68082a	Guide	G-15	.05
68088	Lining	B-2	.05
68090	Bracket	F-6	.20
68096	Lining	B-2	.10
68098	Bearing	G-15	.10
68114	Lack	C-20	.30
68350	Collar	E-24, G-18	.25
68352	Nut	E-23	.10
68353	Sleeve	E-23	.05
68370a	Nut	G-18	.10
68500c	Stud	E-22, G-18	.10
68520	Stud	G-22	.10
68521	Stud	E-11, G-21, C-17	.10
68750	Gear	G-18, G-19	.70
68781	Cam	E-24	.30
68782	Cam	E-24	.30
68783	Cam	E-24	.40
68801a	Spring	G-21	.10
68802a	Spring	E-23	.10
68806	Retainer	E-23	.10
69001½	Shaft	A-9	1.65
69011½	Bracket	A-3, A-10	1.15
69019½	Shaft	A-8	.15
69022½	Shaft	A-7	.50
69036½a	Shaft	A-7	.45
69046	Shaft	A-7	.75
69046½	Shaft	A-7	.75
69047	Shaft	A-7	.75
69048½	Shaft	A-8	.10
69052a	Link	G-21	.15
69060a	Latch	G-7	.15
69061a	Arm	G-11	.15
69078a	Latch	C-3	.05
69081x1a	Link	C-3	.25
69088x1	Bar	E-18, G-15	.30
69089	Stop	E-18, G-15	.15
69093	Arm	G-7	.10

Part No.	Name	Page	List Price
69100b	Link	G-21	.10
69109x1	Lever	G-1	.15
69111x1	Link	G-13	.35
69112x1	Link	G-13	.25
69113x1	Link	G-13	.05
69122	Washer	C-10, E-13	.05
69124	Bracket	G-8	.25
69125	Bracket	G-8	.15
69178	Retainer	G-15	.10
69180	Arm	E-5	.15
69191a	Link	G-4	.25
69210	Lever	C-8	.25
69211	Link	C-1	.30
69217x1	Link	C-20	.20
69219	Keystem	G-2	.20
69220	Link	E-1	.15
69221	Arm	E-11	.10
69226	Arm	E-2	.15
69246	Bracket	F-6	.30
69248	Link	G-14	.30
69255	Lever	E-33	.30
69260x2	Lever	C-7	.10
69278	Bracket	F-4	.40
69280a	Link	E-28	.10
69290	Spring	G-3	.25
69295	Brace	E-4, E-10	.15
69301	Bracket	G-6	.30
69344	Arm	C-18	.25
69345	Link	C-18, E-14	.30
69350	Sleeve	A-10	.10
69351	Sleeve	A-10	.10
69352	Bushing	C-19, E-29	.10
69355	Bushing	G-12, G-13	.10
69357	Bearing	E-29, G-16	.15
69362	Washer	G-13	.10
69364	Collar	G-11	.10
69365	Nut	G-13	.10
69366	Bushing	G-7	.10
69367	Washer	C-10, E-13	.10
69379	Roller	E-15, G-14	.10
69381	Sleeve	G-13	.10
69389	Sleeve	F-7	.10
69496	Stud	F-6	.15
69499 F.5.	Stud	C-22	.10
69506x1	Stud	E-7	.10

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69514	Stud	E-14	.10
69518	Stud	C-10,C-16,E-13	.05
69522x1	Stud	A-10	.05
69523	Stud	C-19,E-31	.10
69526	Stud	E-11,E-12,G-2	.10
69531a	Stud	G-7	.05
69536	Stud	G-13	.10
69537a	Stud	G-13	.10
69538	Stud	G-11	.10
69540	Stud	G-21	.10
69546	Stud	G-23	.10
69547	Screw	G-1	.10
69549	Stud	C-10,E-13	.10
69552	Stud	C-4	.15
69559a	Stud	C-23	.10
69561a	Screw	C-3	.10
69571	Stud	E-15	.10
69578	Screw	F-7,C-25	.10
69580	Stud	G-12	.10
69587	Stud	G-21	.10
69588	Stud	C-25	.10
69592	Stud	E-13	.25
69593	Stud	C-19	.25
69651b	Arm	A-6	.30
69653	Stud	C-10,E-13	.05
69750	Gear	A-9	.85
69792	Motor Card	F-5	2.00
69796	Motor Card	F-5	3.00
69801b	Spring	A-9	.25
69802x1	Spring	G-21	.15
69803b	Spring	G-21	.10
69804x1	Spring	G-10,E-12	.10
69805	Spring	G-13	.10
69806	Spring	G-11	.15
69808	Spring	G-11,G-17	.10
76972	Name Plate	B-3	.15
76973	Orbit	B-3	.40
76974	Letter "M"	B-3	.10
76975	Letter "N"	B-3	.10
76976	Letter "R"	B-3	.10
76977	Letter "E"	B-3	.10
77209	Cam	C-20	.15
77244	Lever	G-7	.10

Part No.	Name	Page	List Price
L-1	Washer	E-1,G-8	.05
L-5	Washer	A-5,C-2,E-14	.05
L-10	Washer	C-5,E-2,G-5	.05
L-13	Washer	C-27	.05
L-471	Nut	C-20	.10
L-484	Spring	E-4	.10
L-486	Spring	E-7	.10
L-571	Screw	C-26	.10
L-580	Spring	D-4	.10
L-633	Nut	F-6	.10
L-881	Spring	E-7	.10
L-1953	Housing	F-8	.45
L-2893	Spring	E-4	.10
L-2896	Spring	E-7	.10
L-2899	Spring	E-15	.10
L-3250	Washer	E-7	.10
L-3547	Stud	G-13	.10
L-3617	Stud	G-13	.10
L-3776	Screw	A-5,A-11	.10
L-3916a	Foot	B-4	.25
L-4184	Retainer	A-5,C-11,E-13	.05
L-5700	Screw	A-11	.10
L-7119	Retainer	C-20	.05
L-7403	Collar	E-26	.30
L-8851	Screw	C-22	.10
L-9519	Stud	C-19,C-18	.10
L-9249	Washer	F-7	.10
L-9704	Screw	G-6	.10
L-9726	Screw	C-7	.15
L-9726x1	Screw	E-12,E-26,E-27	.15
L-9815	Spring	E-4	.10
L-31105	Link	G-13	.10
L-97031	Screw	F-2	.10
26-20b	Gear	G-11,G-19	1.50
40-7790	Plug	F-1,F-3	.25
50-798x1	Blade	F-8	.40
58-9845	Spring	G-16	.25
60-102½c	Frame	D-5,C-13	3.00
60-120½x1a	Plate	D-3,D-5	2.25
60-200x3	Shaft	E-17	21.50
60-200½x4a	Shaft	E-17	14.25
60-400½d	Carry Shaft	E-20,E-21	19.85
60-604b	R.H. Side Frame	G-22,G-23	5.60

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Part No.	Nome	Page	List Price
60-614b	L.H. Side Frame	C-26, C-27	4.90
60-662½x2	Caver Case	B-2	24.15
60-662½x3	Caver Case	B-3	21.55
60-710½c	Shaft	E-8, E-9, G-8	1.65
60-725a	Gear	C-23	1.25
60-726x1a	Gear	C-23	3.70
60-771½	Shaft	C-10, C-16, E-13	.85
60-774x2a	Lever	C-9	.70
60-780b	Latch	C-9	.30
60-781x3e	Yake	C-15	1.90
60-1103½	Frame	D-4	3.55
60-1110½	Plate	D-3, D-4	3.75
60-1113½d	Keyboard	D-2	34.50
60-1114½b	Camb	D-5	.30
60-1122	Crank	D-3	.25
60-1162x2a	Supp. Plate	B-7	10.35
60-1162½x2a	Supp. Plate	B-6	10.35
60-1172x2a	Supp. Plate	B-7	11.20
60-1172½x2a	Supp. Plate	B-6	17.25
60-2214h	Frame	E-10, E-11	4.90
60-2750 D & P	Gear	E-17, G-15, G-19	.85
60-3000½x1m	Intermediate Unit	E-18	53.50
60-3051	Guide	E-19	.35
60-3054b	Arm	E-19	.15
60-3080x1	Lever	C-12	.30
60-3082x1	Lever	C-12	1.00
60-3091x1b	Wedge	E-19	.25
60-3092x1b	Wedge	E-19	.30
60-3310a	Hausing	E-19	1.55
60-3561d	Gear	A-6	.45
60-3750x1	Gear	E-19	.45
60-4000½x2	Shaft	C-11, E-25, G-16	.75
60-4001	Gear	E-20, G-15	2.00
60-4007	Shaft	G-17	1.75
60-4050x2	Arm	E-25, G-16	.60
60-4054x1 D & P	Arm	E-25	.25
60-4131	Arm	G-16	.35
60-4370	Drum	E-21	.75
60-4750 D & P	Gear	E-20, G-15, G-19	1.05
60-5055b	Plate	A-10	.75
60-5057x2	Plate	A-10	1.10
60-5062x1	Lever	A-10	.40
60-5072b	Plate	A-9	.25
60-5076x1a	Bracket	C-5, E-22	.40
60-5077	Bearing	G-18	.25

Part No.	Name	Page	List Price
60-5086x1b	Plate	C-6, C-7, E-12	.60
60-5087a D & P	Arm	E-16	.40
60-5088	Arm	C-3, E-16, E-17	.25
60-5097a	Camb	A-7	.45
60-5099b	Link	E-28	.75
60-5107b	Linkage	A-11	1.30
60-5110c	Bracket	A-11	.50
60-5120b	Dial	A-9	1.35
60-5126	Plate	A-8	.50
60-5136	Linkage	A-5	.85
60-5151b	Arm	B-5	.40
60-5152a	Arm	A-11	.40
60-5171x1	Pawl	A-8	.40
60-5183x2	Plate	A-8	.55
60-5186x1	Plate	A-6	1.10
60-5191a	Latch	A-9	.50
60-5215½a	Brace	A-11	2.70
60-5223½	Rail	A-3	1.15
60-5279	Link	A-11	.30
60-5283	Plate	A-4	.80
60-5284	Lever	A-4	.40
60-5316	Plate	A-4	.45
60-5334x2	Caver	A-1, B-1	8.90
60-5334½x2	Caver	A-1, B-1	8.90
60-5336b	Plate	A-4,	1.35
60-5337c	Plate	A-5	.85
60-5337x1	Plate	A-11	.60
60-5342x1	Link	A-11	.60
60-5343x1	Arm	A-4	.30
60-5343x2	Lever	A-4	.70
60-5344	Lever	A-4	.35
60-5345x2a	Shaft	A-11	.75
60-5345b	Shaft	A-4	.50
60-5347x1	Lever	A-4	.40
60-5348x1	Lever	A-4	.35
60-5349	Lever	A-4	.40
60-5360 F. 5.	Arm	E-28	.35
60-5365 F. 5.	Arm	E-28	.35
60-5401a	Gear	A-9	.65
60-5790a	Finger	A-9	.30
60-5975a	Finger	A-9	.30
60-5981x1	Dial	A-8	2.30
60-6000½b	Bar	C-1, E-10, G-1	1.55
60-6015a	Shaft	C-19, C-25, E-29	.50
60-6056c	Bracket	D-2, C-12, E-16	.75

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Part No.	Name	Page	List Price
60-6062a	Keystem	G-2	.25
60-6063a	Keystem	G-2	.30
60-6064	Bracket	G-15,G-20	.30
60-6074	Cam	E-7	.25
60-6076c	Arm	C-14	.75
60-6077a	Arm	G-20	.60
60-6091	Arm	G-16	.75
60-6093a	Plate	C-23	2.45
60-6172x3b	Bail	E-15,G-14	.60
60-6190x1a	Keystem	G-2	.25
60-6192	Bumper	C-27	.45
60-6202a	Arm	G-16	.35
60-6240a	Link	C-9	.30
60-6241x2	Arm	E-5	.50
60-6246x2a	Cam	E-7	.45
60-6250	Link	G-4	.25
60-6255	Arm	C-18,C-19	.75
60-6259	Link	G-10	.75
60-6272a	Slide	E-1	.35
60-6274	Arm	C-4, E-3	.30
60-6281a	Rocker	E-9,G-8	.40
60-6284	Arm	G-5	.25
60-6288a	Arm	C-24,E-29	.25
60-6289	Arm	C-25,E-32	.30
60-6292	Arm	E-32	.25
60-6293a	Bracket	G-13,G-14,E-15	.60
60-6338b	Bracket	C-1,C-2,E-3	.40
60-6381	Arm	E-3	.35
60-6617	Bracket	G-13,G-18	.35
60-6618a	Lever	E-32,G-9	.40
60-6664c	Plate	E-7	.75
60-6930	Bottom Pan	B-2,B-4,B-5	9.80
60-7001½b	Shaft	E-16	1.50
60-7002½x2d	Shaft	E-29	21.00
60-7006½x2	Shaft	C-4,E-14,G-14	.70
60-7008a	Transmission	C-19,C-21	27.45
60-7050b	Lever	G-7	.40
60-7053c	Shaft	E-16	.85
60-7054f	Latch	C-19	.90
60-7058a	Lever	G-9	.35
60-7059x1	Arm	C-7,E-12	.30
60-7061x1a	Keystem	G-9	.35
60-7063a	Lever	G-2,G-6	.35
60-7064x1a	Lever	G-2,G-6	.25
60-7065a	Lever	G-2,G-6	.25

Part No.	Name	Page	List Price
60-7068x3	Shaft	C-18,E-26	.95
60-7070	Lever	A-10	.30
60-7073x1	Arm	G-10	.50
60-7075	Bail	E-12,G-10	.25
60-7076	Plate	E-29,E-31	.50
60-7078b	Coupling	E-12	.30
60-7079d	Coupling	E-12	.30
60-7081	Arm	E-26,E-27,G-20	.30
60-7082	Latch	C-8	.25
60-7083a	Lever	G-6	.30
60-7084	Lever	E-1	.60
60-7087b	Lever	E-26,E-27,E-28	.35
60-7088d	Link	E-12,G-10	.65
60-7089a	Link	E-2	.30
60-7090x4	Slide	E-4,G-21	.65
60-7091a	Guide	C-13	.25
60-7093	Link	C-23	.25
60-7095	Arm	G-13	.45
60-7099a	Cam	C-22	.25
60-7105x1	Link	G-5	.40
60-7112	Arm	E-15,G-14	.25
60-7113x1a	Bail	E-16	.70
60-7114x1b	Linkage	C-2	.85
60-7115c	Keystem	G-8	.45
60-7116b	Keystem	G-8	.40
60-7117x4 F.5.	Arm	C-15	1.75
60-7121x1a	Lever	E-3	.15
60-7122	Bail	C-4,E-3	.35
60-7123d	Lever	C-23	.50
60-7128c	Link	E-25	1.00
60-7138	Arm	C-2,C-8	.35
60-7154c	Latch	C-2	1.00
60-7160x1a	Lack	C-2,C-3	.85
60-7164x1e	Arm	C-1	.65
60-7165a	Link	E-14	.70
60-7174	Taggle	C-2,C-17	.60
60-7175	Latch	C-1,C-2	.25
60-7179	Link	C-24,E-29	.25
60-7180x1a	Slide	E-11,G-6	.60
60-7181x3	Slide	E-11,G-6	.50
60-7184c	Lever	G-11	.50
60-7185x1a	Link	C-5	.45
60-7187c	Bracket	G-12	1.25
60-7189x1	Arm	C-3,E-16,E-17	.40
60-7191x1	Positioner	E-8,E-9	.40

Part No.	Name	Page	List Price
60-7193x2	Slide	G-11,G-17	.35
60-7202	Lever	C-23	.15
60-7211a	Arm	E-12,E-13,G-10	.25
60-7216	Arm	C-10,E-13	.35
60-7217 D & P	Arm	E-15	.80
60-7218	Lever	G-11	.15
60-7225x2b	Arm	C-10,C-11,E-13	1.50
60-7230	Link	C-4	.25
60-7231	Arm	C-16,E-31	.15
60-7232x1	Link	C-16,E-13	.30
60-7234	Latch	C-11	.30
60-7235a	Link	C-16	.65
60-7238	Shaft	E-32,G-9	.40
60-7241	Arm	C-2,C-16	.40
60-7242c	Pawl	C-15	.25
60-7244	Arm	G-16	.65
60-7245b	Bracket	E-11,E-29	.50
60-7252a	Arm	C-24,E-29	.75
60-7255	Lever	C-12,C-13	.30
60-7258x1	Lever	C-13	.50
60-7262a	Arm	C-2,C-3	.30
60-7266 F. 5.	Latch	E-8	.25
60-7267a	Cam	E-9	.45
60-7269x1 F. 5.	Latch	E-8	.45
60-7270x1c	Lever	G-2,G-7,G-10	.40
60-7271d	Arm	C-4,E-3	.30
60-7278x2a	Bail	E-5,G-1	.60
60-7279	Arm	E-5,G-21	.35
60-7280	Arm	E-5	.45
60-7281	Arm	E-4	.35
60-7282a	Bracket	E-7	.35
60-7285x4	Link	E-5,E-15	.60
60-7286	Arm	D-5	.25
60-7289	Arm	E-15	.25
60-7299	Lever	G-22	.35
60-7300	Arm	E-13	.25
60-7355	Plate	E-4	.15
60-7461g	Clutch	C-20	4.15
60-7463x2a	Clutch	C-22	4.15
60-7464	Cam	C-21	.90
60-7467a	Arm	C-17,E-25	.35
60-7473	Bearing	E-31	.50
60-7475c	Housing	E-30	4.90
60-7476	Disc	E-25	.40
60-7477	Disc	C-17,E-25	.50

Part No.	Name	Page	List Price
60-7478a D & P	Arm	C-16,E-13,E-31	.45
60-7613	Lack	E-8	.30
60-7613 F. 5.	Clamp	E-8	.30
60-7752b	Gear	G-19	1.05
60-7757	Gear	E-31	1.00
60-7760	Gear	C-17,E-25	.50
60-7780	Plug	E-1,E-4	.50
60-7821a	Spring	C-2,C-7	.30
60-7915x1	Switch	F-1,F-4,F-8	3.85
60-8000x1b	Unit	E-22	4.10
60-8000 $\frac{1}{2}$ x3b	Unit	E-22	4.90
60-8055x1a	Plate	E-23	1.00
60-8062b	Bail	G-21	.40
60-8066	Plate	E-20	1.00
60-8067a	Plate	E-20,G-15	.65
60-8080a	Lever	G-18	.40
60-9050x1	Cam	G-12	.70
60-9051a	Plate	E-6	4.60
60-9055a	Finger	G-21	.30
60-9059x1a	Latch	C-2,C-3	.15
60-9063	Pawl	A-9	.20
60-9064	Arm	A-10	.15
60-9065b	Finger	A-9	.15
60-9071a	Bail	E-4	.45
60-9072x1	Arm	C-4,E-3	.70
60-9073c	Arm	E-4	.35
60-9074x1	Arm	E-3	.65
60-9075	Lever	C-3	.25
60-9079c	Slide	G-21	.45
60-9080	Link	C-3	.40
60-9082	Link	C-3	.30
60-9083	Link	C-3	.25
60-9084	Bracket	G-10	.25
60-9085x2b	Racker	G-10	.35
60-9090x1a	Arm	C-13	.25
60-9095x1a	Arm	G-21	.70
60-9101	Lever	G-1,G-23	.10
60-9108b	Lever	E-4	.40
60-9110 $\frac{1}{2}$ c	Keystem	G-7	.80
60-9112x1b	Arm	G-13	1.45
60-9114	Arm	G-13	.35
60-9120b	Arm	C-10,E-13	.30
60-9121a	Arm	C-10,E-13	.35
60-9183a	Bracket	G-4,G-6	.40
60-9193	Plate	C-2,C-3,E-6	.50

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Part No.	Name	Page	List Price
60-9200a	Bracket	G-1,G-8,G-9	.75
60-9202a	Lever	G-1,G-3	.60
60-9203	Lever	G-4,G-5	.75
60-9204	Lever	G-4	.60
60-9206x1	Lever	G-4	.60
60-9207	Lever	G-4,G-5	.45
60-9209x1	Cam	C-14	.25
60-9212	Lever	C-8	.60
60-9213	Link	C-17	.60
60-9215	Lever	C-6,E-2	.40
60-9216b	Arm	G-11	.85
60-9217x1a	Lack	C-20	.50
60-9218	Lever	E-5	.50
60-9221	Slide	G-6,E-11	.45
60-9223	Latch	E-7	.50
60-9224a	Bracket	D-5,E-1	.50
60-9225b	Arm	B-4	.40
60-9227	Link	E-5	.75
60-9228	Lever	G-13	.45
60-9229	Arm	E-14	.30
60-9233a	Latch	C-7	.75
60-9234	Link	C-7	.25
60-9256	Arm	E-14	.20
60-9261x1	Lever	E-6	.45
60-9270	Lever	E-6	.80
60-9274x1	Plate	F-7,C-24,C-25	1.95
60-9275c	Plate	F-2,F-6,E-33	1.25
60-9278	Motor Unit	F-3	44.20
60-9278x1	Motor Unit	F-1,F-2	44.20
60-9279x1	Plate	F-3	.70
60-9279x2	Plate	F-6	1.00
60-9280a	Link	E-28	.75
60-9337	Bail	E-1	.50
60-9503	Lever	G-6	.25
60-9514	Bail	E-14	.90
60-9532x1a	Keystem	G-9	.35
60-9806	Spring	G-11	.25
61-6213a	Arm	C-10,C-22,E-9	.40
61-6214x1b	Shaft	C-10,E-26	.45
61-6215	Link	C-10	.15
61-7199b	Clamp	E-9	.25
61-7211x1	Clamp	E-9	.25
62-723a	Plate	C-22,C-23	3.75
62-1113	Keybaard	D-2	31.25
62-5194	Slide	A-2	.75

Part No.	Name	Page	List Price
62-5502a	Sub Carriage	A-3	41.10
62-5502½a	Sub Carriage	A-3	43.05
62-6002;	Shaft	C-25,E-32	.35
62-6019	Pulley	F-7	1.60
62-6290a	Arm	C-24,E-32	.65
62-6987	Knob	B-2	.60
62-7058a	Bracket	F-2,C-7	.20
62-7797	Switch	F-1,F-8	2.25
62-9138	Link	C-7,E-12	.65
62-9241	Lever	G-9	.50
62-9242a	Arm	G-9	.75
62-9337	Bail	E-1	.25
62-9384	Pulley	F-4	.60
62-9386	Pulley	F-7	1.00
78-6295	Link	G-13	.10
78-7250	Arm	G-13	.25
78-7339	Lever	G-11	.35

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